

# HOW TO TEACH STUDIO LIGHTING TO PHOTOGRAPHY STUDENTS AND THE EQUIPMENT REQUIRED

Lighting is often considered to be the most complex part of a photographic syllabus where planning is needed to correctly select equipment and have the appropriate resources to teach properly. At Firstcall, we get getting regularly asked to demystify this area of photography and have countless educators who have benefitted from the plain-speaking advice given, which is summarized below. The most usual variety of light source is of course daylight; and if we conducted our photography in sunnier climes then artificial light would not be so significant. Nevertheless, when you're photographing in a British winter and struggling to get a meter reading you'll notice it is artificial light that you turn to. From the outset, you need to therefore decide the light source you are going to use. There are four types to choose from the flashgun, portable studio flash, continuous light and traditional studio flash.

## FLASHGUNS

It might sound strange to list flashguns as a source of light to teach studio photography with but as with our smartphones, the world is going mobile. With the advent of a greater power output coupled with wireless improvements it's now possible to literally take your studio wherever you want to go, inside or out.



Studio accessory manufacturers have now understood this fact and create a range of add-ons like stands, softboxes and triggers to reach this mobile world a reality. Look at higher-cost wireless models from Nissin, Sigma or camera brands for your gun and Lastolite and Interfit for your accessories.

## STUDIO FLASH

Learning to see the light and the shadows are critical to portraiture. Studio flash units now have quality modelling lights, whose brightness varies with the flash power adjustment and compete with continuous heads this way. Of course, no flashgun has a modelling lamp and is dismissed for this reason.



Studio flash heads work like flashguns in that they emit small bursts of light from a flash tube. A studio flash unit may look difficult to use, but it is far simpler to operate than many- flashguns. The units come in various sizes - the larger models are generally more powerful and offer extra features. Yet, for most college studios, the basic units will be more than enough. You will obtain much more interesting results from two of three simple flash units than from one expensive model. Power for any studio flash head is measured in watts per second. The more the power the greater control over depth of field and distance you have. Most modern heads are either 200 or 400 w/s and have either full stepless control over the power or full, half and quarter power switches to control the output. Power is also the main advantage of studio flash over continuous along with the wireless or infrared triggers you can fine-tune to work them. Quality studio strobes will last you for decades. You will reap the benefit of faster recycle times and more stable power and colour output if you can extend your budget. Look at two head kits again with the heads, stands and Brollies or softboxes from brands like Interfit, Elinchrom or Bowens.

### Studio Flash Advantages over Continuous

- Higher power option
- The flash is very short (often around 1/1000th sec) so will 'freeze' most movement
- Greater range of accessories work with studio flash
- More control of exact light output
- No heat when compared to Tungsten
- More professional choice – used commonly outside education

### Studio Flash Disadvantages over Continuous

- Cannot take burst photos for more natural portraits
- Higher overall electricity use over time
- You need to understand how the output changes affect your picture
- Will not work with video work

## PORTABLE STUDIO FLASH

Once you're smitten with cutting the power cables to your equipment the "world is your oyster" but not quite. There are two things flashguns can't do that the traditional studio heads are renowned for and that's power and the speed to recycle that power. That's why the new big thing in light sources is portable studio flash. a high-powered and portable lighting solution for photographers on location or in studio. These bare bulb flash heads are designed to serve as a powerful, versatile, and portable lighting solution with high-speed sync, which set shutter speeds up to 1/8000 second and maximum of 99 flashes in 15 seconds all with a power of around 200 watts per second. They can be used on or off camera; usually with dedicated Radio Triggers. The down-side is right now they're in their infancy and quite expensive when compared to traditional studio units. Choose Interfit or Quadra brands here.



## CONTINUOUS LIGHT

Interior light sources for a studio used to be simple – continuous or strobe (studio flash). Today, it's complicated further by continuous light available in tungsten or daylight offerings. Traditionally, tungsten was the only option. Typically giving out 500 watts per head these heads were cheap, but the heat produced, particularly in class-long photography sessions caused many teachers to look for alternatives. The alternative to the "hot" continuous light comes in the shape of a fluorescent "cool" version that's daylight balanced too (tungsten renders a yellow light as its temperature is only 3200k). Both options have the advantage of the student being able to see where the shadows of the light fall on the subject over a studio flash head where the light is instantaneous – except a low power modelling lamp for guidance.



### Tungsten Advantages:

- Inexpensive to buy and maintain
- Just one inexpensive bulb to put back
- You can use brollies with the head

### Tungsten Disadvantages:

- Heat build-up can be irritating
- Heat makes still-life difficult sometimes
- No opportunity to fit filters, softboxes or other light modifiers

### Fluorescent Daylight Advantages:

- Cool running makes for a more pleasant studio
- Bulbs last a long time before replacement
- Softboxes can be fitted
- All subjects can be photographed or videoed

### Fluorescent Disadvantages:

- Higher cost to get started
- The bulbs cost more to replace (and there are more of them)
- Brollies nor filters cannot be attached

The daylight fluorescent lighting heads produce a neutral 5400k light by way of a bit of "curly" bulbs in each head – between six and nine depending on power required. Other manufacturers choose just one bulb, but the disadvantage here is you cannot reduce power in the head as is the norm by simply switching off the individual bulbs in the head when less power is required.

Brands to investigate further in continuous lighting are Interfit and Paterson. Buy them in kits of two heads, two stands and Brollies and the same brands are applicable for daylight kits which come with two softboxes rather than umbrellas.

Part two on studio accessories to attach to your lighting equipment follows after our product and pricing section.

# PORTABLE STUDIO FLASH

Interfit's Strobies Pro-Flash One Eighty is a great example of new thinking in portable studio flash - a high-powered and portable lighting solution for photographers on location or in studio. This 180W/s bare bulb flash is designed to serve as a powerful, versatile, and portable lighting solution for Sport, Wildlife and other mobile photographers. A major benefit of the PRO-Flash system is the inclusion of High-speed sync, which allows photographers to use the Pro-Flash One Eighty with the dedicated Radio Trigger Set at shutter speeds up to 1/8000 second, with full manual control in bright ambient light while still maintaining a shallow depth of field. Additional features include stroboscopic functionalities, which allows up to a maximum of 99 flashes in 15 seconds. It can be used either ON or OFF camera; when used OFF camera the system really comes into its own when used with the dedicated Radio Trigger Set (STR203) which runs on 2 x standard "AA" batteries, all of its functions can then



be controlled at up to 50m away using 16 channels from the camera position. The PRO-Flash One Eighty is powered by an external 11.1V/4500mAh Lithium-Ion Battery pack, providing 900 flashes at full-power recycling in 2.2 seconds. It is available complete with a battery pack and a second flash head (STR201) and spare Battery Pack (STR202) can both be purchased singly. The kit will power the most Canon, Nikon, Sony and Metz Speedlights with the correct cables (sold separately at £19.99) providing faster recycle times and over 900 full power flashes. We also sell extra batteries, Trigger Sets and additional receivers. Elinchrom Quadra heads are a more expensive alternative but a little more modular than Pro Flash.

### Here's an overview of the features:

- 180 W/s with a Guide Number: 60 m (180') @ 1m with standard reflector & 28mm coverage
- Recycles in 0.5 – 2.5 sec with a 7-Stop Range adjustable in 1/3 f stops
- Full High Speed Sync Capability when used with the STR203 RTS
- 5600k White Balance = FLASH +/- 200k (Flash Duration = 1/800 – 1/10000)
- 900 Flashes at Full Power
- Switchable Focus Assist Lamp and Stroboscopic feature, switchable
- Full Range of Accessories and Modifiers, inc Softboxes, Beauty Dishes, Snoots & Gels available

Code	Brand	Product	Ex VAT	Inc VAT
23653	Interfit	Strobies Pro-Flash 180 Flash Kit, STR200	Includes battery pack	£290.83 £349.00
23654	Interfit	Strobies Pro-Flash Battery Pack, STR202	Spare battery pack for the Pro-Flash 180	£103.33 £124.00
23655	Interfit	Strobies Pro-Flash 180 Head, STR201	With out battery	£236.67 £284.00

# CONTINUOUS FLASH TUNGSTEN FLASH

## INTERFIT STX 3200 KIT

Interfit's low-cost, continuous tungsten lighting kit is the INT 114 SXT3200 Kit. This flexible kit with its "S" type head that will accept all Bowens type accessories. It can use most Stellar flash ranges of accessories too. The free DVD included, giving you educational studio training including how to use the flash and available accessories, is a real bonus for students. Designed for use under rigorous conditions, the nearly all-metal body can cope with extended periods of operation. The outfit is also available as a 3 head kit to order.



- 2 x INT105 Tungsten heads + reflectors
- 2 x INT032 Tungsten bulbs
- 2 x COR750 Stands
- 1 x Silver umbrella
- 1 x Translucent umbrella
- 2 x INT032 Bulbs & power cables
- Operating instructions & instructional DVD
- Replacement bulbs: P2/1 ES

## PATERSON LIT 101/102 KITS

Paterson is the originator of popular tungsten lighting kits and still sells the best (and also the lowest-priced) Tungsten Lighting Kits on the market. Made in the UK, their Tungsten LIT100 head uses standard P2/1 ES 500 watt lamps with a temperature of 3200K – the standard white light balance setting on digital cameras. Unlike the Interfit or Lastolite Tungsten system, this head is capable of producing a high temperature-resistant softbox to create a soft light source when needed. Umbrellas and barn doors are also available to complete the education of students using this tungsten light. We provide the two head kits in two different forms: Tungsten Umbrella/Umbrella Kit and one with a softbox included, Tungsten Umbrella/Softbox Kit.



## RAYD8 C 3200K TUNGSTEN LIGHTING KIT - 8030

The RayD8 c3200 kit provides an entry-level studio lighting system for product and portrait photography. Using a continuous tungsten light source (3200k), this kit is based on a 'what you see is what you get' approach. The soft white 80cm umbrellas included in the kit to ensure the best distribution of the light.



- S type (Bowens) bayonet fitting
- Removable reflector
- Wide range of accessories available
- Ideal for product photography

- 2x Light Head
- 2x Reflector 50 Degree
- 2x 500w P 2/1 Bulb
- 2x Light Stand
- 2x PVC 80cm Umbrella

## INTERFIT STELLAR X 1000 SOLARLITE KIT

The Stellar X Solarlite is a tungsten light with a difference. It offers video users full control, together with cutting edge features at an affordable price. The Solarlite is totally noiseless in operation, lightweight, stylish and robust. Using a 'S' type bayonet fitting it comes with 100cm Interfit Pro Softboxes and is optimized for video applications at 3200 K.



- 2 x 1000 WS Solarlite heads
- 3200 K lamps
- 150 W modelling light & auto dimming
- Non variable
- User changeable tubes
- S type accessories
- 2 x 4 section Light Stands (COR 751)
- 2 x 100cm Heat resistant Pro Softboxes
- Case included
- Replacement Bulb INT329 - 1000w

## WESTCOTT GREEN SCREEN STARTER KIT - 401N



Have you ever seen an image taken in front of a blue or green background - and a computer instantly removed the solid background colour and replaced it with a photographic background image? This 'Chroma Key' technique of mixing together two images (or movie frames) is

widely used in television (i.e. Weather forecasts) and the movie industry. Westcott, the market leaders in Green Screen technology, have produced a comprehensive kit marketed at students of photography who want to try this adventurous branch of photography (and videography) for the first time.

It contains everything you need to get started - tungsten lights, stands, softboxes, the green screen and still image and video backgrounds. Take all the accessories away and you're left with useable studio continuous lights with stands.

- PhotoKey 5 Lite Software
- 200 Digital Backgrounds
- 20 Overlay Graphics
- 2.7 x 3m Wrinkle-Resistant Green Screen
- 2x uLite Constant Lights
- 2x 50cm Collapsible Softboxes
- 2x 500 Watt Lamps
- 2x 1.9m Light Stands

Code	Brand	Product		Ex VAT	Inc VAT
64999	Interfit	INT 140 Stellar Tungsten Head SXT3200	Low cost tungsten head for still or video work	£60.83	£72.99
65000	Interfit	INT 114 Stellar Tungsten Head Kit SXT3200	Inc. 2 heads, silver umbrella, translucent umbrella & light stands	£195.83	£234.99
65100	Paterson	LIT100 Tungsten Head	Low cost tungsten head for still or video work	£51.66	£61.99
65101	Paterson	LIT101 Tungsten Umbrella Kit	Inc. 2 heads, silver umbrella, translucent umbrella & light stands	£191.66	£229.99
65102	Paterson	LIT102 Tungsten Umbrella/Softbox Kit	Inc. 2 heads, silver umbrella, softbox & light stands	£224.99	£269.99
27028	Lastolite	RayD8 C 3200K Tungsten Lighting Kit - 8030	Inc. 2 heads, silver umbrella, translucent umbrella & light stands	£241.66	£289.99
90113	Firstcall	Westcott Green Screen Starter Kit - 401N	Photo Illusion Lighting Kit, includes everything you need	£199.99	£239.99
65037	Interfit	INT 196 Stellar X 1000 Solarite Kit	Video light kit, no fan, 1000 watts/second	£416.66	£499.99

## DAYLIGHT FLUORESCENT FLASH INTERFIT FLUORESCENT LIGHTING KITS

### Interfit Mk II EZYflo Kit

Interfit's budget lighting kit is aimed at the hard-pressed students of photography. When they first told us they were going to produce a complete daylight kit for such a low figure we suspected the quality would be a little "lacking". We're pleased to announce that the EZ-Flo Kit is a pleasant surprise along the lines of some supermarket chains "basics" range. Yes, it only has 4 bulbs in each head that produce 560 watts of power, but the softboxes are good and the DVD included, detailing how to position the lights for studio experimentation is a real boon.



- 2 x Ez - flo heads with Ez fit softboxes.
- 2 x Lighting stands
- 8 x 28 watt lamps (INT034)
- 2 x four way adaptors
- 1 x Educational DVD
- Replacement Lamp No: INT 034 (28 W)

### INTERFIT SUPER COOL-LITE 655 KIT

The Super Cool-Lite 655 offers power equivalent to 1320 watt of Tungsten lighting (per head) - double that of the Cool-lite 6 head by using 55 watt lamps. This means smaller apertures and of course, more light flexibility. Flicker-free and balanced to 5000-5500 K, this head and octagonal softbox combination offers excellent results with both digital and video cameras. Everything else is designed in the same way as its smaller, Cool-Lite 6 relative.



- 2 x Super Cool-lite 655 heads
- 2 x High contrast reflector 47cm
- 2 x Soft light cover to the above
- 2 x Octobox 80 cm (31 inch)
- 2 x COR752 air damped lighting stands
- 2 x Power cable
- 12 x Lamps (INT041)
- Replacement Lamp No: INT 041 (55 W)

### Interfit Super Cool-lite 6 Kit

The Super Cool-lite 6 is everything a school or college needs to teach studio using a fluorescent, cool light system. It features two heads with Octobox (8-sided softboxes) plus a handy grab handle on the rear panel (for ease of tilting the unit up and down). On the rear panel you get six individual illuminated switches allowing you to instantly see which of the powerful 32 watt lamps are on or off.

Each head produces 5000k of daylight lighting, equivalent to 650 watts of tungsten lighting per head (1300 watts per kit). This makes the kit suitable for conventional still, digital or SLR video camera work in the studio and providing soft, diffused light for picture taking. Skin tones look great when powerful fluorescent lighting is used. The system is available as the INT213 single head with reflector and Octobox or as our recommended twin head kit (INT214) which features 2 Octoboxes, reflectors and lighting stands.

The Super Cool-lite 6 kit bag INT487 bag is available separately to house your kit and keep in secure between shoots.



- 2 x Super Cool-lite 6 heads
- 2 x High contrast reflectors 47cm
- 2 x Soft light cover to the above
- 2 x Octobox 80 cm (31 inch)
- 2 x COR752 air damped lighting stands
- 2 x Power cable
- 12 x lamps (INT042)
- Replacement Lamp No: INT 042 (32W)

### LASTOLITE RAYD8 C5600 DAYLIGHT LIGHTING KIT

The RayD8 c5600 kit provides an entry-level studio lighting system for product and portrait photography. Featuring a high output compact fluorescent bulb (equivalent to 300w), this continuous light system offers colour corrected light at 5000k (daylight). The bulbs are compact fluorescents and run at a low temperature, making them ideal for photographing food, people and other temperature sensitive subjects.



- 2x Light Head
- 2x Reflector 46cm (18 inch)
- 2x S type (Bowens) bayonet
- 2x Removable Diffuser
- 2x Removable diffuser cover
- 2x 75w Bulb fluorescent
- 2x Light Stand

## PATERSON FLUORESCENT SOFTBOX/SOFTBOX LIGHTING KIT

Paterson, famous for its tungsten studio lighting, also makes daylight 6400k fluorescent heads. Still Made in the UK, you may like to compare their range to Interfit as they come with a FREE case worth £80. We particularly like their LIT111 kit, a rival to the Cool-Lite 6 kit. Each head in the kit has a 6000 hour lamp life and creates almost no heat and includes a 60 x 80cm softbox which produces beautiful soft light that is ideal for portraiture. Other choices are available from Paterson including Brolly/Softbox kits (not available from Interfit) and high-power lights.



- 2 x LIT110 Fluorescent Lighting Heads
- 2 x 6400k Fluorescent Lighting Bulbs (675W equiv.)
- 2 x LIT299 Stands
- 1 x LIT318 60 x 80cm softbox
- 1 x LIT305 30cm Flood Reflector
- 1 x LIT320 Carry Bag

## INTERFIT FLUORESCENT RINGLITE 3 HEAD

Ringlets in the studio are a new idea for adding an extra boost to a product shot or creating a ring shaped catch light in the eye of the subject when used in the studio. It also includes a soft cover diffuser for a softer, more flattering light for lovely skin-tones. Thus, although not a kit it a great partner light in your studio work with portraits.



It comes with camera bracket to attach your SLR or it can be used as a stand-alone light source. Interfit also suggests that when used with their other fluorescent lighting, like the Cool-Lite 6 heads, you achieve near shadowless lighting and stylised photography. Within the 90w output light (450w equivalent tungsten) are three individual ring bulbs which can all be switched on independently at the back of the unit to vary the output. Shoot at ISO 400 at wide open apertures for uniquely lit images. An optional Pro Bracket is available to hold DSLRs with attached or inbuilt battery packs/motor drives.

## FIRSTCALL LIGHT BANKS



If you tether your camera to a computer while taking your product or portrait shots when using a standard fluorescent lamp you may experience banding due to the frequency of the bulb. To overcome this problem of the tube "pulsing" incorrectly on screen we recommend you use our high-frequency FL Lightbanks. These 59cm wide heads contain either 2 or 4 55w fluorescent lamps equating to either 500w or 1000w output. They fit any standard lighting stands so are not kit items like all the other constant light heads, but are perfect for large product or studio photography. They are equally at home with high-end video shoots. Although they have daylight temperature (5200k) like their contemporaries, they are the only approved fluorescent lamps that have 98% correct colour rendering, making your camera see exact colours in the same way as the human eye does. With Osram long life tubes costing only £9 to replace, this is an economical way of lighting that is changing the way studio photographers work.

Code	Brand	Product		Ex VAT	Inc VAT
26074	Interfit	INT 151 Mk II EZYflo Kit	2x heads, 2 light stands, 2x softboxes and 4 bulbs	£120.83	£144.99
26075	Interfit	INT 116 Super Cool-lite 5 Head c/w 60cm softbox	500W output, daylight light	£129.16	£154.99
26076	Interfit	INT 117 Super Cool-lite 5 Kit	2x heads, 2 light stands, 2x reflectors, 2x softboxes & bulbs	£258.33	£309.99
26059	Interfit	INT 213 Super Cool-lite 6 Head c/w 80cm Octobox	650W output, daylight light	£179.16	£214.99
26060	Interfit	INT 214 Super Cool-lite 6 Kit	2x heads, 2 light stands, 2x reflectors, 2x softboxes & bulbs	£283.33	£339.99
26079	Interfit	INT 220 Super Cool-lite 9 MKII Head c/w Octobox	1150W output, daylight balanced at 5200K	£180.83	£216.99
26080	Interfit	INT 221 Super Cool-lite 9 MKII Kit	1150W output, daylight balanced at 5200K	£341.66	£409.99
26081	Interfit	INT 218 Super Cool-lite 655 Head c/w Octobox	1320W output, daylight balanced at 5200K	£233.33	£279.99
26124	Interfit	INT 219 Super Cool-lite 655 Kit	2640W output, daylight balanced at 5200K	£437.49	£524.99
65052	Interfit	INT 487 Super Cool-lite 6/655/9 Twin Head Roller Bag	Sturdy roller system for 2 heads with accessories	£66.66	£79.99
27029	Lastolite	RayD8 c5600 Daylight Lighting Kit - 8035	2x heads, stands, reflector and diffuser lighting outfit	£241.66	£289.99
65107	Paterson	LIT109 Fluorescent Head with Reflector	Fluorescent head and reflector, does not include lamp	£70.83	£84.99
65108	Paterson	LIT112D Fluorescent Head Reflector Kit	2x heads, stands, 30cm flood reflector, 1350W lighting outfit	£241.66	£289.99
65104	Paterson	LIT110 Fluorescent Head with Softbox	Fluorescent head and softbox, does not include lamp	£74.99	£89.99
65105	Paterson	LIT111 Fluorescent Softbox/Softbox Kit	2x heads, stands, softboxes, 1350W lighting outfit	£283.33	£339.99
65111	Paterson	LIT113 Fluorescent Softbox/Reflector Kit	2x heads, stands, softbox & reflector 1350W lighting outfit	£283.33	£339.99
65113	Paterson	LIT201 Fluorescent Super Series Head with Softbox	Super Series 2025W head and softbox, includes 3 lamps	£199.99	£239.99
26119	Firstcall	Light Bank FL 110	500W output, daylight balanced at 5200K & colour correct	£291.66	£349.99
26120	Firstcall	Light Bank FL 220	1000W output, daylight balanced at 5200K & colour correct	£416.66	£499.99
23650	Interfit	INT 339 Fluorescent RingLite 3	For close-up lighting, produces lovely catchlights	£87.49	£104.99

# STUDIO FLASH

With continuous lighting long shutter speeds and large apertures with their shallow depth of field are great for still life and product shots, but this combination can result in blurred images of people so because studio flash is much more powerful than continuous lights they are the lights of choice when shooting only portraiture photography. Our brands that we are represented in this are Interfit, Elinchrom and Lastolite.

## INTERFIT EX150MKIII STUDIO FLASH LIGHTING KIT

The Interfit INT 352 EX150 MKIII is a powerful (Guide Number 32) entry level flash system for school or home use. It features a proportionally controlled modelling lamp, an IR-sensitive slave cell and has a low sync voltage to avoid damage to camera equipment. Power can be adjusted from full output down to 1/8 power. It has an on/off switch for the bleep when it fires (e.g. in case you photograph a sleeping baby).

With touch sensitive controls on the rear of the unit, it makes using the EX150 MKIII a pure and simple joy to use. The grab handle on the back of the light makes it easy to carry.

As a special promotion, while stocks last, Interfit is also including a free INT 492 Hot shoe & Flash Trigger Set, worth £42 with every EX150 MKIII Kit purchased.

First Time users to Studio Lighting will benefit from the included Training DVD, showing you how to use the EX150 MKIII Lighting System to get great results.



- 2 x EX150 MKIII heads (GN 32)
- 2 x Modelling lamps
- 2 x Air cushioned Light stands
- 1 x Translucent Umbrella
- 1 x 60cm (24 inch) Softbox
- 2 x Sync Leads
- 2 x Power Leads
- 1 x New Educational DVD
- 1 x Hot shoe & Flash Trigger Set



## INTERFIT EXD200 STUDIO FLASH LIGHTING KIT

The EXD200 is lightweight and stylish, yet very robust, and it is designed specifically for 21st century photographers on the move. The 5 volt sync voltage makes them highly suitable for use with all current digital and film cameras. Push button controls allow the desired power levels and functions to be quickly set. EXD200 also has user changeable flash tubes. The EXD can also overcome the problem caused by cameras that send out a pre flash before exposure, a simple press of the buttons tells the EXD to ignore up to 3 pre-flashes. Accurate power adjustment in one tenth of an f-stop increments over a 4 f-stop range and a high guide number of 45m (135ft) ensure the exact amount of light required. The EXD200 set is better value than the EX150 even though it is £50 more. Its digital readout allows a person new to lighting to be able to note and remember the settings for the lights with a by-the-numbers approach. This is a real advantage for learning lighting ratios. It is our best seller.



- 2 x 200 WS flash heads GN 45
- 2 x 60 W halogen modelling light
- Stepless power (1/8 to full)
- User changeable flash tubes
- 1.5 seconds recycling time
- Test button and built-in slave on LCD display
- 2 x 4 section light stands as EX150
- 1 x translucent white umbrella as EX150
- 1 60cm Soft box, 1 synch cable
- Includes carry bag
- INT515 is the replacement modelling lamp

## INTERFIT EX300 STUDIO FLASH KIT

This sophisticated step-up flash system offers you double the power of the EX150 plus fan cooling for constant and reliable service.



- 2 x 300 WS fan-cooled flash heads GN 55
- 60 W halogen modelling light
- Stepless power (1/16 to full)
- User changeable flash tubes
- Test button and built-in slave
- 2 x 4 section light stands
- 1 x translucent white umbrella
- 1 60cm Soft box, 1 synch cable
- Not compatible with accessories from the S mount Stellar range
- Includes carry bag
- INT515 is the replacement modelling lamp

## INTERFIT EXD400 STUDIO FLASH LIGHTING KIT

This kit doubles the power of the EXD200 with each head featuring user changeable flash tubes, switchable modelling lamps, fan cooling for prolonged use and Infrared and white light sensitive light sensors and an additional easy to use rear handle allows for precise positioning. The EXD400 also features a preset flash function to enable the head to reduce the pre focus flashes of some of today's Digital compact cameras, enabling the Sync cell to correctly pick up the first, second or third flash therefore ignoring the pre-flash used for focusing.



- 2 x EXD400 heads GN 60
- 2 x 100 W halogen modelling light
- 2 x Lighting stands
- 60cm (24in) Softbox
- 1 x Translucent Umbrella
- 2 x Sync and power leads
- Includes carry bag
- INT499 is the replacement modelling lamp

## INTERFIT EX400 TI STUDIO FLASH LIGHTING KIT

High power version of the Ti lighting system with almost three times the power of the original EX150, a 6 f-stop power range and built-in 7-channel Ti Radio Receiver, the EX400Ti serves as the new benchmark in affordable, professional studio lighting.



- 2x 400 WS fan-cooled flash heads GN 60
- Built in remote control.
- 2 x 100 x 100cm Soft Box
- 2 x Air damped Lighting Stands
- 2 x Modelling Lamps 10 W
- 1 x Ti Trigger (can be used with all Ti compatible products)
- Recycle time 1.5 sec
- User changeable flash tubes
- Includes carry bag
- INT499 is the replacement modelling lamp

## INTERFIT EX200 TI STUDIO FLASH LIGHTING KIT

This 200 watt kit offers both the educational and home studio user hi-tech features at a value-for-money price.

The big difference with the Ti family is the Radio Trigger that is included in each kit. This allows for the full control of all of the flash heads' functions from setting the power output to turning on or off the modelling lamps, with full control of each head individually or as a complete set up to 30 meters away from the camera position. Each Head has the ability to assign an ID Number of 1 through to 7, allowing the Dynamic Trigger to be able to adjust the features of each head separately from any of the other EX Ti heads being used in the same room up to 12 meters away from the trigger. If you assigned a head to channel 1 and another head to channel 2 you can individually adjust each heads power function and fire the head via the Dynamic Ti Trigger by setting its corresponding channel number on the trigger. Technologically speaking, this is a real advance in lighting control.

The Two head EX200Ti kit also includes an educational training DVD especially commissioned to show just how easy studio lighting can be for the first time or advanced users. The DVD is feature packed and includes many professional Tips on getting the best results from the kit and setting up your camera for use with studio lighting for portrait and fashion photography.



- 2 x EX200Ti heads (200 watts) GN 50
- Built in remote control.
- 2 x 60 x 60cm (24 x 24 inch) Softboxes
- 2 x Air damped Lighting Stands
- 2 x Modelling lamps 100 W
- 1 x Ti Trigger (can be used with all Ti compatible products)
- Includes carry bag
- 2 x Power cables
- INT498 is the replacement modelling lamp

## INTERFIT STELLAR XTREME 300 FLASH LIGHTING KIT

The Stellar Xtreme300 Battery Kit is a 300Ws studio flash that can run on either AC power or the included DC battery pack. It has been built to professional specifications for long life and reliable use. With a go-anywhere battery pack, you can now take a studio-quality light with you out on location. No longer are you limited to being near a power source! This new concept in AC/DC studio lighting and portable lighting has many new features not seen before in studio lighting this kit includes the 300w Xtreme complete with stand and battery which combines both power and flexibility.'S' Type Bowens fitting for fitting accessories like the softboxes is the perfect combination to Stellar Xtreme.



- 1 x AC/DC Head Guide Number 53
- Power: full to 1/16th, adjustable in 1/10th steps, fan cooled
- Recycling time of 3 seconds at minimum power, 10 seconds at maximum power
- 1 x (COR751) lighting stand
- 1 x Battery carry case
- 1 x Battery to flash head lead
- 2 x Power leads
- 1 x Sync leads
- User changeable flash tube
- 'S-Type' Bayonet reflector mount & accessories
- Audible and visual recharge indication

Code	Brand	Product		Ex VAT	Inc VAT
26061	Interfit	INT 352 EX150 MKiii Studio Kit	2x heads (user changeable flash tubes), stands, broolly, softbox, training DVD	£191.66	£229.99
26083	Interfit	INT 223 EX200 Ti Flash head	Electronic flash head, 200 watts/second with remote control	£141.66	£169.99
26085	Interfit	INT 224 EX200 Ti 2 Head Flash kit	2x heads, stands, broolly, softbox - great for digital SLRs	£299.99	£359.99
26126	Interfit	INT 486 EX300 Studio Flash Kit	2x heads, stands, broolly, softbox - power with value	£324.99	£389.99
65050	Interfit	INT 477 EX400 Ti Studio Kit	2x heads, stands, softboxes, training DVD	£349.17	£419.00
26088	Interfit	INT 119 EXD200 Studio Flash Kit	2x heads, stands, broolly & softbox - great for digital SLRs	£233.33	£279.99
26127	Interfit	INT 491 EXD400 Studio Flash Kit	2x heads, stands, broolly & softbox - great for digital SLRs	£366.65	£439.99
65034	Interfit	INT 474 Stellar Xtreme 300 Kit	Head, stand and battery pack, AC/DC	£258.33	£309.99

## ELINCHROM STUDIO FLASH LIGHTING

Elinchrom is a step-up in both quality and design when compared to Interfit. We specialize in their entry-level range called D-LITE. Elinchrom D-LITE gives studio photographers a progressive choice with logical step-ups in both power and budget. All Elinchrom kits offer the best of both worlds – quality and value.

## ELINCHROM D-LITE RX ONE FLASH LIGHTING KITS

Giving you twice the output of a flashgun, but with a price tag that many starting amateurs would consider for a single stand-alone flashgun, this kit punches sufficiently above its weight in the terms of specification that many schools and colleges will find it quite tempting. The D-LITE RX One offers excellent build quality and performance. There are two starter kits, the Umbrella Set for large spaces or the Softbox set when space is at a minimum. Both are fully compatible with the range of Elinchrom accessories for the precise shaping of light and includes a Skyport wireless transmitter to add to your camera that then fires the receiver built into each head. The cool thing, that no other



system has, is that the heads can also be totally controlled (e.g. Increase or decrease of power) from your laptop or iPhone using the computer using EL Skyport 3 software and iOS App control that come included too.

Each D-LITE RX ONE head offers:

- 100Ws maximum power
- 5 stop power range
- Visual Flash Confirmation mode - dims the modelling lamp during recycling
- Intelligent Slave Cell - ignores your speedlight's pre-flashes to trigger at the correct time
- Full Skyport RX compatibility - including remote triggering, power control, computer control using EL Skyport 3 software and iOS App control

In the starter umbrella set you get:

- 2x D-Lite RX ONE (20485.1)
- 1x EL-Skyport Transmitter SPEED (19350)
- 2x Umbrella Wide Reflector 90° 16 cm (26143)
- 1x White Umbrella 85 cm (26372)
- 1x Eco Translucent Umbrella 83 cm (26351)
- 1x Tube Bag - Compacts (33194)
- 1x Tripod Set 2 (30162)
- 1x Synchron Cable PC-3.5 / 5 m (11088)

## ELINCHROM D-LITE RX 2 FLASH LIGHTING KITS

When you need a little more power from Elinchrom D-Lite RX heads, we can offer either 200 or 400 watt choices, but their 200/400 kit is our best seller. This D-LITE RX 2/4 kit includes two different powered heads - which may seem a bit odd at first. However, given that good lighting should never be equal on all surfaces (or 3D objects will appear flat), it is only the main light that needs to have that extra power, whilst the fill light just fills in the shadows. A 2:1 ratio is preferred by many photographers - which is where it makes perfect sense to have a 400 WS and a 200 WS head in the same kit - all for just £160 more than the D-Lite One kit. We also offer D-LITE 2/2 kits (in both brolly and softbox configurations) where power needs to be balanced or the budget is a little less.



- Built-in EL-Skyport receiver for triggering.
- EL-Skyport with 8 Frequency Channels with 4 Groups.
- EL-Skyport Speed Sync mode for synchronization up to a 1/320s on enabled SLR cameras.
- Pre-flash detector system to enable the use of D-Lite RX with Speedlights.
- Power Auto-dump.
- 5V sync socket for maximum protection of digital cameras.
- Automatic temperature controlled ventilation.
- Multi-voltage auto-detection: 90-270 V (excluding modelling lamp).
- Lightweight and strong housing. Robust, functional and elegant.
- Accessory bayonet accepting all accessories and Rotalux softboxes up to 135 cm.
- Rubberized large handle with spare fuse storage.
- Stand bracket with an extra umbrella fitting for larger umbrella shafts.

## ELINCHROM D-LITE RX 4 FLASH LIGHTING KITS

The D-LITE 4 is Elinchrom's ultimate D-LITE studio flash head designating that this is a 400W/s head. With twice the power, it's ideal for those working in a larger space or for those who prefer to shoot at the lowest ISO setting at maximum aperture which ensures greater depth-of-field.



In our view, although this is the most expensive kit we sell, if you've got the budget, then this kit will repay you with dividends over the years. You're never going to want for power with this configuration. Portraits, web work or still life photography are all possible with this wonderful studio outfit. The flash output, is a fabulous neutral light, it's even and it's consistent.

### The head features are similar to the D-Lite 2 version

- Built-in EL-Skyport receiver for triggering.
- EL-Skyport with 8 Frequency Channels with 4 Groups.
- EL-Skyport Speed Sync mode for synchronization up to a 1/320s on enabled SLR cameras.
- Pre-flash detector system to enable the use of D-Lite RX with Speedlights.
- Power Auto-dump.
- 5V sync socket for maximum protection of digital cameras.
- Automatic temperature controlled ventilation.
- Multi-voltage auto-detection: 90-270 V (excluding modelling lamp).
- Lightweight and strong housing. Robust, functional and elegant.
- Accessory bayonet accepting all accessories and Rotalux softboxes up to 135 cm.
- Rubberized large handle with spare fuse storage.
- Stand bracket with extra umbrella fitting for larger umbrella shafts.

### The 4/4 Softbox contains:

- 2x D-Lite RX 4 (20487.1)
- 2x Portalite Softbox 66 cm (26129)
- 1x EL-Skyport Transmitter SPEED (19350)
- 1x Umbrella Wide Reflector 90° 16 cm (26143)
- 1x Tube Bag - Compacts (33198)
- 1x Tripod Set 2 (30162)
- 1x Synchron Cable PC-3.5 / 5 m (11088)

Code	Brand	Product	Ex VAT	Inc VAT
25082	Elinchrom	D-LITE RX ONE Head, 20485	100Ws Studio Flash Head, 1.5 seconds recycling time	£124.99 £149.99
25084	Elinchrom	D-LITE RX ONE Umbrella Set, 20844	2x 100Ws heads, 2 umbrellas, skyport transmitter, lightstands	£308.33 £369.99
25083	Elinchrom	D-LITE RX ONE Softbox Set, 20843	2x 100Ws heads, 2x 66cm softboxes, skyport transmitter, lightstands	£349.99 £419.99
25117	Elinchrom	D-LITE RX 2 Head, 20486	200Ws flash head with built-in Skyport	£174.99 £209.99
25120	Elinchrom	D-LITE RX 2 / 2 Softbox Kit, 20841	2x 200Ws heads, 2 softboxes, stands, Skyport transmitter	£491.66 £589.99
25119	Elinchrom	D-LITE RX 2 / 4 Umbrella Kit, 20840	2x 200Ws and 400Ws heads, umbrellas, stands and Skyport transmitter	£441.66 £529.99
25118	Elinchrom	D-LITE RX 4 Head, 20487	400Ws flash head with built-in Skyport	£204.99 £245.99
25121	Elinchrom	D-LITE RX 4 / 4 Softbox Kit, 20842	2x 400Ws heads, 2 softboxes, stands, Skyport transmitter	£541.66 £649.99

## LASTOLITE STUDIO FLASH LIGHTING

The Lumen8 range of studio flash has been tried and tested option for studio owners for the last few years and a reliable option for all to consider.

### LUMEN8 SV 400W FLASH LIGHTING KITS

Lumen8 400 watt heads are available in a choice of umbrella or softbox twin kits. Offering great value it is the umbrella version we recommend as containing everything you need to light a subject in the studio or on location. Featuring the powerful and multi award winning 400w Lumens8 flash heads Lastolite's two head kit comes with Lastolite's famous black/white PVC umbrellas, stands and two handy carry cases (one for the heads and one for the stands) which can be carried on the shoulder or by hand. The two wide based, air dampened stands ensure that your lights are supported securely. Other features include auto dumping, 100w modelling bulbs so you can see clearly how you are working, switchable modelling light proportional or full power and audible ready light. S type adaptor ring fitting.

This kit was also given an Editor's Choice in the review conducted by Digital Photographer Magazine.



- 2x 400w Lumen8 Heads
- 2x Lighting Stands
- 2x 7 inch Reflectors
- 2x Sync cables
- 2x Bags
- 2x Brollys

Code	Brand	Product	Ex VAT	Inc VAT
27074	Lastolite	Lumen8 Flash Twin Head Umbrella Kit 400w - 3502	includes 2x heads, stands, umbrellas, cables and bags	£395.83 £474.99
27075	Lastolite	Lumen8 SV 400w Softbox Lighting Kit - 3509	includes 2x heads, stands, softboxes, cables and bags	£449.99 £539.99

# HOW TO TEACH STUDIO LIGHTING TO PHOTOGRAPHY STUDENTS AND THE ACCESSORIES REQUIRED

Purchasing your studio lighting equipment is a major step on the way to equipping your environment to teach studio photography – but not the only one. Assuming you already have the camera and correct lens (contact us for help on this if not) and enough space (for a 10 feet wide background, lit by two studio heads located outside this background, you would want a space about 16 feet to 20 feet wide and ten feet high) the final step is to think about accessories to complete the job. Accessories for studio work fall into three categories – backgrounds, head accessories and light control.

## BACKGROUNDS

No studio can properly function without a professional and versatile background system in place. That's why after the head purchase the next most important purchase is a background system.



## BACKGROUND SYSTEMS

Choose between freestanding, stand and wall support or fixed wall or ceiling systems.

### INTERFIT AND LASTOLITE FREESTANDING BACKGROUND SYSTEMS

These freestanding setups are often referred to as goalpost stands for obvious reasons and easily support your chosen paper or cloth material. They are also the cheapest and easiest way to get backgrounds supported in your studio. We recommend buying a set-up like those from Interfit or Lastolite. These portable systems are suitable for all backgrounds – paper or cloth and vinyl. Available as half width or full width roll option they comprise two stands and a crossbar. We recommend the full width versions that will take backgrounds up to 10 feet wide and drape from a height of up to 8 feet. All kits include a free case to store the components except the Solo one



### LASTOLITE SOLO BACKGROUND SUPPORT

This clever design features a unique pivoting cross bar which makes raising the background on the supports a much easier and safer operation. Rather than step by step adjustments at each end of the support system, the new pivoting connectors allow for much greater steps without making the whole structure unstable and unmanageable. The support is available as a 3m wide solution. It has a telescopic crossbar and comes in a handy carry case which fits easily into a car. The neat thing is that the Solo Support Brackets are also available on their own in a set of two for use with most industry standard background support systems. The Solo Background Support consists of 2x Solo Support Brackets, 2x stands and 1x crossbar.



### INTERFIT EZ DROP PORTABLE BACKGROUND KIT

Backgrounds don't have to be large and cumbersome. Sometimes you want just a little something to fill your portrait shot and often don't want to pay too much either. Interfit's new EZ background Kit is perfect in such scenarios. Large enough for a two-person portrait it folds down into a really compact bag. With a lightweight aluminium construction and a 60cm (24") folded length, the EZ Drop portable background support system is ideal for travel and can easily fit into the overhead compartments of most aircraft. The EZ Drop quickly and easily sets up to provide users with a 1.5 x 2.1m (5 x 7') clean background, and features a compact, single unit design for easy setup and storage, TWO background cloths (white and black), and a nylon carry bag with room to fit additional background cloths.



### INTERFIT WALL BRACKETS

When you want a wall-support system for your backgrounds, there is none cheaper than the one from Interfit. Designed for paper backgrounds it gives you an instant hanging and moving background system for up to three rolls of paper (up to 2.72m wide) and remains our most popular support system. It contains two wall brackets, two paper holders (brake and chain), three colour coded chains and weights plus four wall studs. It must be fixed to SOLID walls only.



Code	Brand	Product		Ex VAT	Inc VAT
26720	Interfit	COR 755 Background Support System	94in high x 98in wide, includes carry bag	£68.74	£82.49
26721	Interfit	COR 756 Background Support System	102in high x 124in wide, includes carry bag	£99.16	£118.99
26243	Lastolite	Solo Background Support, 3m	Fast single user kit for backgrounds up to 3m	£166.66	£199.99
27027	Lastolite	Background Support System & Bag - 1108	For backgrounds up to 3 metres in width	£112.50	£135.00
26759	Interfit	EZ Drop Portable Background Kit	Portable kit with black and white cloths 1.5 x 2.1m	£58.33	£69.99
26742	Interfit	INT 312 Wall Bracket & Chain Kit	A wall background support for up to 3 paper rolls (2.72m)		£72.99



## COLORAMA ROLLEASY FIXED BACKGROUND SUPPORT

With Colorama Rolleasy it is easy to manage your backgrounds. Designed for a fixed wall or ceiling mount system, this manual background roller system uses a detachable crank to smoothly raise and lower each background, which is then automatically locked in position. Only one person is needed to change rolls, unlike many other systems that need two. The unit can be ceiling or wall mounted, according to choice. Both systems have brackets that hold up to four full size backgrounds. We are now selling four starter kits for wall use and ceiling use

that come fully equipped for use with 2 or 3 rolls of paper. The unit comes equipped complete with stub ends and paper weight & cutters. If you're using vinyl you'll need a different configuration as vinyl users need an aluminium core and the vinyl is pre-rolled onto the core at the time of order, so call us for a quote. Colorama Rolleasy has no chains and no free swinging parts and is well out of the way of studio operations when not in use, extending no more than 267mm (10 1/2 inches) down from the mounting point.



## BACKGROUND MATERIALS AND FIXINGS

This is where you have to make choices – convenience being an important factor. Backgrounds come as paper rolls, cloth as looped lengths or sewn into collapsible backgrounds and vinyl as rolls or sheets.

Code	Brand	Product		Ex VAT	Inc VAT
23511	Colorama	Rolleasy Background System, Wall - 2 roll	Complete kit for wall mounting 2 rolls up to 2.72m	£649.17	£779.00
23551	Colorama	Rolleasy Background System, Wall - 3 roll	Complete kit for wall mounting 3 rolls up to 2.72m	£865.83	£1,039.00
23512	Colorama	Rolleasy Background System, Ceiling - 2 roll	Ceiling mounting for 2 rolls up to 2.72m	£632.50	£759.00
23552	Colorama	Rolleasy Background System, Ceiling - 3 roll	Ceiling mounting for 3 rolls up to 2.72m	£791.67	£950.00
23513	Colorama	Supplementary Unit inc Stub Roller for Rolleasy	Needed to add an extra roll on support system	£172.50	£207.00
23514	Colorama	Paper Weight and Cutter	Used to keep a straight edge on 2.72m paper roll	£45.00	£54.00

Code	Brand	Product		Ex VAT	Inc VAT
26216	Colorama	Background Paper Arctic White 1.35 x 11m	Half width	£31.66	£37.99
26220	Colorama	Background Paper Polar White 1.35 x 11m	Half width	£31.66	£37.99
26222	Colorama	Background Paper Granite 1.35 x 11m	Half width	£31.66	£37.99
26223	Colorama	Background Paper Black 1.35 x 11m	Half width	£31.66	£37.99
26179	Colorama	Background Paper Chromakey Blue 1.35 x 11m	Half width	£31.66	£37.99
26181	Colorama	Background Paper Cherry Red 1.35 x 11m	Half width	£31.66	£37.99
26184	Colorama	Background Paper Chromakey Green 1.35 x 11m	Half width	£31.66	£37.99
26225	Colorama	Background Paper Crimson 1.35 x 11m	Half width	£31.66	£37.99
26227	Colorama	Background Paper China Blue 1.35 x 11m	Half width	£31.66	£37.99
26247	Colorama	Background Paper Mandarin 1.35 x 11m	Half width	£31.66	£37.99
26217	Colorama	Background Paper Arctic White 2.72 x 11m	Full width	£49.16	£58.99
26221	Colorama	Background Paper Polar White 2.72 x 11m	Full width	£49.16	£58.99
26231	Colorama	Background Paper Granite 2.72 x 11m	Full width	£49.16	£58.99
26224	Colorama	Background Paper Black 2.72 x 11m	Full width	£49.16	£58.99
26180	Colorama	Background Paper Chromakey Blue 2.72 x 11m	Full width	£49.16	£58.99
26182	Colorama	Background Paper Chromakey Green 2.72 x 11m	Full width	£49.16	£58.99
26185	Colorama	Background Paper Cherry Red 2.72 x 11m	Full width	£49.16	£58.99
26226	Colorama	Background Paper Crimson 2.72 x 11m	Full width	£49.16	£58.99
26228	Colorama	Background Paper China Blue 2.72 x 11m	Full width	£49.16	£58.99
26229	Colorama	Background Paper Cardamon 2.72 x 11m	Full width	£49.16	£58.99
26248	Colorama	Background Paper Mandarin 2.72 x 11m	Full width	£49.16	£58.99
27247	Lastolite	Paper Roll, Super White, 1.37 x 11m - 9101	Full width	£27.08	£32.49
27248	Lastolite	Paper Roll, Black, 1.37 x 11m - 9120	Full width	£27.08	£32.49
27250	Lastolite	Paper Roll, Super White, 2.75 x 11m - 9001	Full width	£39.99	£47.99
27254	Lastolite	Paper Roll, Wine, 2.75 x 11m - 9006	Full width	£39.99	£47.99
27255	Lastolite	Paper Roll, Red, 2.75 x 11m - 9008	Full width	£39.99	£47.99
27256	Lastolite	Paper Roll, Arctic Grey, 2.75 x 11m - 9012	Full width	£39.99	£47.99
27259	Lastolite	Paper Roll, Black, 2.75 x 11m - 9020	Full width	£39.99	£47.99
27262	Lastolite	Paper Roll, Flint, 2.75 x 11m - 9026	Full width	£39.99	£47.99
27263	Lastolite	Paper Roll, Shadow Grey, 2.75 x 11m - 9027	Full width	£39.99	£47.99
27266	Lastolite	Paper Roll, Kingfisher, 2.75 x 11m - 9031	Full width	£39.99	£47.99
27272	Lastolite	Paper Roll, White, 2.75 x 11m - 9050	Full width	£39.99	£47.99
27273	Lastolite	Paper Roll, Ivory, 2.75 x 11m - 9051	Full width	£39.99	£47.99
27274	Lastolite	Paper Roll, Graphite, 2.75 x 11m - 9054	Full width	£39.99	£47.99
27276	Lastolite	Paper Roll, Pewter, 2.75 x 11m - 9060	Full width	£39.99	£47.99
27278	Lastolite	Paper Roll, Regal Blue, 2.75 x 11m - 9065	Full width	£39.99	£47.99
27280	Lastolite	Paper Roll, Chromakey Green, 2.75 x 11m - 9073	Full width	£39.99	£47.99
26236	Colorama	Foam Paper Storage Roll Holder	Wall mounted brackets, holds 12 rolls of paper	£29.99	£35.99

## BACKGROUND PAPER FROM COLORAMA AND LASTOLITE

Paper is by far the best choice when it comes to backgrounds because when it gets dirty you simply rip it off the roll, thereby ensuring every shoot you have a pristine surface to shoot against.



Colorama and Lastolite background paper rolls, both made in the USA, are available in one length of 11 metres. But it is Colorama that offers two choices of width – 4.5 and 9 feet in a full range of colours. Colorama uses a particularly strong and durable paper, coloured with aniline dyes to guarantee complete fastness to light and faithful colour rendition. Rolled onto a stiff cardboard core, the background stays smooth and does not sag or crease. We can order any special colour but stock over 50 colours including both blue and green Chromakey and Graduated PVC versions. To view an electronic swatch of the Colorama papers, please go to the manufacturer's website for the full selection.

# BACKGROUND CLOTHS

The popular alternative to background paper is to use a cloth. Although more expensive to initially buy, most cloths can be machine washed and last much longer. Of course you could always make your own from cotton muslin but the manufactured ones all come pre-sewn with a loop for a background crossbar to thread through. Both Interfit and Lastolite knitted backgrounds, both fit standard background pole systems.

## INTERFIT BACKGROUND CLOTHS

Interfit's range of quality material backgrounds improves any portrait studio shoot. Their range of plain colour muslins. All are washable, include a stuff bag, have a non-reflective surface treatment for better reproduction, and include a crossbar pocket on one edge. Available in two sizes, 2.9m x 3.0m and 2.9m x 6.0m, you should find they'll look as good as new throughout years of use. With these cotton muslin cloths you should use their COR 756 Support Stand or Lastolite's 1108 version.



Code	Brand	Product	Ex VAT	Inc VAT
26736	Interfit	INT 505S Washable Background Cloth White	2.9m x 3.0m	£40.83 £49.00
26737	Interfit	INT 505L Washable Background Cloth White	2.9m x 6.0m	£90.00 £108.00
26738	Interfit	INT 515S Washable Background Cloth Black	2.9m x 3.0m	£40.83 £49.00
26739	Interfit	INT 515L Washable Background Cloth Black	2.9m x 6.0m	£90.00 £108.00
26740	Interfit	INT 525S Washable Background Cloth Chromakey Green	2.9m x 3.0m	£40.83 £49.00
26741	Interfit	INT 525L Washable Background Cloth Chromakey Green	2.9m x 6.0m	£90.00 £108.00

## LASTOLITE PLAIN COLOUR COLLAPSIBLE BACKGROUND CLOTHS

Choose a variety of colours and sizes and simply add the background support stand 1109 stand to make a compact and easy to set-up background for your studio. A cheaper studio background support, the 1116, which will support collapsibles up to 1.8m x 2.15m and extends to a maximum height of 2.7m, and breaks into five 54cm sections for transportation is also available and includes a carrying bag.



## LASTOLITE COLLAPSIBLE BACKGROUND CLOTH WITH TRAIN, BLACK & WHITE.

We can only recommend this background wholeheartedly; if you only get one background in your life, this is the one to go for because it is versatile and really two-backgrounds-in-one (it's reversible). Bear in mind that it makes good long-term sense to choose the largest reversible background you can afford so that you can photograph not only individuals but also groups of people. It's essentially a plain knitted reversible and collapsible background with a train which enables you to take a full length photograph of individuals and small groups of people.



Lastolite's 5602 Black velvet collapsible background is ideal for low key photography. It opens up to 1.5m x 1.8m (5' x 6') and collapses to a third of this size for easy storage.



## LASTOLITE KNITTED EZYCARE BACKGROUND CLOTHS

If you want to upgrade your cloth backgrounds, using the latest fabric developments, look no further than Lastolite's Knitted EzyCare Backgrounds. These 3 x 3.5m (10 x 12ft) curtain backgrounds



come in six popular colours plus standby black and white. They are made from a knitted fabric which can be draped or stretched to instantly remove any creases. Fully machine washable at 40°C (105°F) in a large washing machine, each one is supplied in a handy tote bag and features a hem on the 3m edge to insert a pole for support. A set of 4 clips is also included to secure the background when stretched between the stands of a support system as shown. The six colours are Washington – Dark Grey Mottled, Dakota – Light Grey Mottled, Florida – Dark Blue Mottled, Maine – Light Blue Mottled, Wyoming – Blue/Grey Mottled and Arizona – Sand Mottled.

## LASTOLITE COLLAPSIBLE BACKGROUND CLOTHS

Collapsible Backgrounds, are easy to use, crease resistant and reversible (i.e. Black on one side and white on the other). They are made from a stretchy material that shuns wrinkles with a triple reinforced stitch line around a sprung steel rim whose design allows them to fold to one-third of its original size and store nicely in the included carry bag. A range of collapsible, reversible, plain coloured backgrounds is available. In addition to the standard black, white and grey Lastolite also have a range of punchy vibrant colours, urban designs and even velvet options for a more modern look to your portraits. Most collapsibles can also be mounted onto a stand either by clips or he newly designed magnetic version.



Code	Brand	Product	Ex VAT	Inc VAT
27063	Lastolite	Collapsible Background, S, Black & White - 5621	Reversible, 1.5x 1.8m	£91.66 £109.99
27039	Lastolite	Collapsible Background L with train, Black & White - 6701	Reversible, 1.8 x 2.15m, with removable train	£164.99 £197.99
27080	Lastolite	Collapsible Background ChromaKey - 5687	Reversible, Green on one side, blue on the other, 1.5 x 1.8m	£137.49 £164.99
27038	Lastolite	Collapsible Velvet Background - 5602	For stunning low-key photography, 1.5 x 1.8m	£90.00 £108.00
27085	Lastolite	Collapsible Background, Blue/Pink, 6751	Reversible, 1.8 x 2.15m	£120.83 £144.99
27064	Lastolite	Collapsible Background, M, Black & White - 5921	Reversible, 1.8 x 2.15m	£112.50 £135.00
27086	Lastolite	Collapsible Background, Red/Purple, 6752	Reversible, 1.8 x 2.15m	£120.83 £144.99
27087	Lastolite	Collapsible Background, Yellow/Orange, 6753	Reversible, 1.8 x 2.15m	£120.83 £144.99
27065	Lastolite	Collapsible Background, L, Black & White - 6921	Reversible, 1.8 x 2.75m	£174.99 £209.99
27042	Lastolite	Stand-cum-Bracket for Collapsibles - 1109	For small and medium backgrounds up to 1.8 x 2.15	£67.49 £80.99
27066	Lastolite	5 Piece Stand for Collapsible Backgrounds - 1116	For small and medium backgrounds up to 1.8 x 2.16	£47.49 £56.99

## LASTOLITE URBAN COLLAPSIBLE BACKGROUND CLOTHS

This contemporary urban range is an addition to the world of background. It's both eye-catching and different. The range includes seven different backgrounds. So how about taking your portrait against corrugated metal, brick, stone, distressed door, graffiti, rusty metal, or derelict wall? Lastolite gives you a real Shanty town of choice. Examples of all fourteen surfaces can be found on our website.



## LASTOLITE OUT OF FOCUS COLLAPSIBLE BACKGROUND CLOTHS

Out of Focus Backgrounds let you create a beautiful Bokeh with any camera lens. They'll save you time and bothering about the weather. You get two reversible scenes on each crease-resistant cloth and they collapse down for portability. They're fully compatible with the new magnetic background support below. There are two options to choose from, both 1.25m x 1.55m (4' x 5') in size, Summer Foliage / City Lights or Autumn Foliage / Seascape.



## LASTOLITE MAGNETIC STAND FOR COLLAPSIBLE BACKGROUND CLOTHS

Lastolite has developed a background support system that takes the sting out of setting up a background. It consists of a magnetic arm that holds any metal-rimmed (i.e. Pop-up) backgrounds in place. It is available by itself or as a kit including a lighting stand and bag. However, you can also combine the magnetic background support kit with a reversible, collapsible urban background from Lastolite (1.5m x 2.1m or 5' x 7'), with a saving. There are seven different reversible background kits to choose from.



Code	Brand	Product	Ex VAT	Inc VAT
26753	Lastolite	Magnetic Background Support	£44.99	£53.99
26754	Lastolite	Magnetic Background Support Kit	£83.33	£99.99
27367	Lastolite	Out of Focus B/G 5730, Summer Foliage/City Lights	£99.99	£119.99
27368	Lastolite	Out of Focus B/G 5731, Autumn Foliage / Seascape	£99.99	£119.99
27088	Lastolite	Urban Collapsible Background 5711, Red Brick / Grey Stone	£124.99	£149.99
27089	Lastolite	Urban Collapsible Background 5712, Corrugated / Metal	£124.99	£149.99
27090	Lastolite	Urban Collapsible Background 5713, Rusty Metal / Plaster Wall	£124.99	£149.99
27091	Lastolite	Urban Collapsible Background 5714, Distressed Paper / Graffiti	£124.99	£149.99
27239	Lastolite	Urban Collapsible Background 5715, Derelict Wall / Wooden Fence	£124.99	£149.99
27240	Lastolite	Urban Collapsible Background 5717, Shutter / Distressed Door	£124.99	£149.99
27241	Lastolite	Urban Collapsible Background 5718, Tarnished Metal / Container	£124.99	£149.99
26755	Lastolite	Magnetic Background Support Kit with 5711 Urban Background	£149.99	£179.99
26756	Lastolite	Magnetic Background Support Kit with 5712 Urban Background	£149.99	£179.99
26757	Lastolite	Magnetic Background Support Kit with 5713 Urban Background	£149.99	£179.99
26758	Lastolite	Magnetic Background Support Kit with 5714 Urban Background	£149.99	£179.99
27242	Lastolite	Magnetic Background Support Kit with 5715 Urban Background	£149.99	£179.99
27243	Lastolite	Magnetic Background Support Kit with 5717 Urban Background	£149.99	£179.99
27244	Lastolite	Magnetic Background Support Kit with 5718 Urban Background	£149.99	£179.99

## LASTOLITE PANORAMIC BACKGROUNDS CLOTHS

Photography, particularly if you're in a school or college often involves taking group photographs. Trying to get more than three people successfully posed in the width of 2.72 metre backgrounds is almost impossible. Lastolite has solved this problem by developing an ultra-wide Panoramic Background. Like their other backgrounds it is crease free and collapsible by use of its three-panel aluminium framework. This creates a useful self-supporting



wraparound structure with the fabric cover simply clipping on to the aluminium frame. Available in three colours – Black, White and ChromaKey Green, they are 4 metres wide and stand 2.35m high and can be assembled by a single person. It is ideal for shooting larger groups on location, perfect for weddings, prom nights and event photography. The background folds down neatly into its own case and fits easily into a car. The spare covers can be used to convert the frame from one colour to the next or if damage occurs.



Code	Brand	Product	Ex VAT	Inc VAT
27436	Lastolite	7621 Panoramic Background, 4m, Black	£329.16	£394.99
27437	Lastolite	7622 Panoramic Background, 4m, Green	£329.16	£394.99
27440	Lastolite	7623 Panoramic Background, 4m, White	£329.16	£394.99
27438	Lastolite	7625 Panoramic Background Cover, 4m, Black	£104.16	£124.99
27439	Lastolite	7626 Panoramic Background Cover, 4m, Green	£104.16	£124.99
27441	Lastolite	7627 Panoramic Background Cover, 4m, White	£108.33	£129.99

# VINYL BACKGROUNDS

With their obvious advantages of wiping clean benefits, this is an another option to equip your studio with.

## LASTOLITE SUPER WHITE VINYL SHEET ROLL



Lastolite's wipe clean Superwhite vinyl background can literally be used over and over again. Simply wipe away any dirt or footprints at the end of your shoot, then roll it back up ready for next time! It couldn't be easier. Supplied on a roll the same width as our standard paper backgrounds (2.75m) the Superwhite vinyl can easily be suspended using the Lastolite 1108 or Interfit COR 755 background support system. It's great for high key photography.

Code	Brand	Product		Ex VAT	Inc VAT
27022	Lastolite	Hi Lite Background - 8857	5 x 7 feet	£262.49	£314.99
27023	Lastolite	Hi Lite Background - 8867	6 x 7 feet	£299.99	£359.99
27040	Lastolite	Hi Lite Background - 8878	8 x 7 feet	£449.99	£539.99
27024	Lastolite	Hi Lite Super White Vinyl Cleanable Train - 8858	5 x 7 feet	£67.50	£81.00
27025	Lastolite	Hi Lite Super White Vinyl Cleanable Train - 8868	6 x 7 feet	£74.99	£89.99

## LASTOLITE HI-LITE BACKGROUND



The HiLite backgrounds range allows the photographer to work in a way that was extremely difficult to achieve in the past, 'High Key' photography on location and in restrictive spaces. By rear lighting the white background itself, there is no longer a need to use a background light behind the subject. Furthermore, because the background is actually illuminated it means the subject can stand virtually right in front of it without casting a shadow. The HiLite backgrounds also work as a large rear softbox and illuminates the subject as well, meaning you can use just one other flash head to light the subject from the front. What's more, the whole thing is collapsible.

Available in two sizes. An optional wipe clean vinyl train is also available.

Can be suspended on our 1108 background support system and can even be used as a very large softbox. Free standing.

## GREEN SCREEN BACKGROUNDS

Have you ever seen an image taken in front of a blue or green background - and a computer instantly removes the solid background colour and replace it with a photographic background image? This 'Chroma Key' technique of mixing together two images (or movie frames) is widely used in television (i.e. Weather forecasts) and the movie industry.



## GREEN SCREEN WIZARD SOFTWARE KIT

Insert existing image: As last year three individual images Certainly, Photoshop and other image editing software let you accomplish the task of cutting someone out and replacing the background. The trouble is that it will take a very long time to do so - as most people have hair - and cutting out hair is extremely tedious. In fact, it is likely to test your software knowledge, problem solving skills and patience to the limit! Considering that realistic digital cutouts are so difficult to achieve, Green Screen Wizard is a truly amazing bit of software. You will not believe the ease of this software until you have actually seen the programme at work - you watch the green background behind your subject disappear with the speed of reading a scan preview into your computer - it is literally only a couple of seconds. Then you can simply replace the background image with either a photo that you have taken yourself - or one of the background images that come with the software. Green Screen Wizard comes with 6 Background Collections and Magazine Covers. It is extremely



user friendly with a simple graphical user interface and numerous options to adjust the foreground or background image, including scale, flip, rotate, position, combine or even lighting effects to match the two images better. The software also comes with a 5 x 7 pop-up background to get you started. For PC or MAC.

Please note ChromaKey backgrounds are also available as paper from Colorama and Lastolite, Cloth from Interfit and Collapsibles from Lastolite all previously highlighted in this section.

Code	Brand	Product		Ex VAT	Inc VAT
90110	Firstcall	Green Screen Wizard Photo Software Kit	Includes 5x7 feet background - Chromakey Photography the easy way	108.33	129.99
90111	Firstcall	Green Screen Wizard Video Zipper Software Kit	Includes 5x7 feet background - Chromakey Photography the easy way	108.33	129.99

## STUDIO HEAD ACCESSORIES

Once you've bought your studio lighting head, then you'll want to control its light output. If you bought a kit it may have included an umbrella (brollies) or softboxes. These, along with different lighting stands, reflectors, brackets and bags all go towards customizing your studio flash outfits.



## INTERFIT, PATERSON AND LASTOLITE UMBRELLAS

Umbrellas or "brollies" are used to moderate lighting, whether with a studio flash or flashgun. We stock Interfit low-cost umbrellas in translucent or silver versions. Our shoot-through brollies

(translucent) have the advantage that they can be placed very close to the subject so can

provide soft lighting when required. Reflective (silver) brollies produce a much harsher light. Partly this is because the surface produces spectacular reflections and partly because they work "backwards" with the umbrella facing away from the subject, and so is much further away, making it much smaller in relative terms and so the light is harder. Lastolite also offer a two umbrella kit (32 inch white & silver) plus stands, hotshoe tilt thread and bags with a saving on the component parts.



Code	Brand	Product		Ex VAT	Inc VAT
26242	Interfit	INT 260 Brolly Translucent White Umbrella, 36 inch	For use with all lights tungsten or daylight	£21.49	£25.79
26244	Interfit	INT 262 Brolly Silver Umbrella, 36 inch	For use with all lights tungsten or daylight	£25.24	£30.29
65123	Paterson	LIT310 Brolly Translucent Umbrella, 36 inch	For use with all lights tungsten or daylight	£15.33	£18.40
65124	Paterson	LIT311 Brolly White Reflective Umbrella, 36 inch	For use with all lights tungsten or daylight	£17.00	£20.40
65125	Paterson	LIT313 Brolly Silver/Black Reflective Umbrella, 36 inch	For use with all lights tungsten or daylight	£17.00	£20.40
23515	Lastolite	All-in-One Umbrella Kit, 72cm - 2475	Stand, umbrella, tilthead & bag	£76.66	£91.99
23516	Lastolite	All-in-One Umbrella Kit, 99cm - 2476	Stand, umbrella, tilthead & bag	£84.15	£100.99

## INTERFIT, PATERSON AND LASTOLITE SOFTBOXES

Soft boxes are designed to soften the high-contrast light from small light sources (studio flash, flashguns) to reduce harsh shadows and hot spots. As a result, these light modifiers help to create soft, natural-looking light on both people and objects. There is now a bewildering array of these portrait-driven accessories from the basic square originals from Interfit through to collapsibles from Lastolite and their new EzyBox range.



Code	Brand	Product		Ex VAT	Inc VAT
26065	Interfit	INT 211 Softbox for EX units	60 x 60cm, includes EX Speedring	£49.99	£59.99
65010	Interfit	INT 419 Softbox for Stellar 150 or 300	60 x 60cm	£53.24	£63.89
65011	Interfit	INT 424 Softbox for Stellar 150 or 300	100 x 100cm	£54.08	£64.89
23644	Lastolite	Ezybox II Square, Small, 2710	45 x 45 cm, suitable for flashguns and studio flash	£61.49	£73.79
23645	Lastolite	Ezybox II Square, Medium, 2711	60 X 60 cm, suitable for flashguns and studio flash	£66.24	£79.49
23646	Lastolite	Ezybox II Square, Large, 2712	90 X 90 cm, suitable for flashguns and studio flash	£89.99	£107.99
23647	Lastolite	Ezybox II Switch, Large, 2730	89 X 89 cm, suitable for flashguns and studio flash	£112.49	£134.99
23648	Lastolite	Ezybox II Switch, Extra Large, 2731	117 X 90 cm, suitable for flashguns and studio flash	£123.74	£148.49
23641	Lastolite	2351N Ezybox II Speedring Plate for Bowsens	For Ezybox Square, Octa and Switch softboxes	£27.08	£32.49
23642	Lastolite	2352N Ezybox II Speedring Plate for Elinchrom	For Ezybox Square, Octa and Switch softboxes	£27.08	£32.49
65120	Paterson	Softbox, LIT319, Heat Resistant	60 x 90cm for use with tungsten LIT100	£37.50	£45.00

## INTERFIT, PATERSON AND MANFROTTO LIGHTING STANDS

Lighting stands are suitable for the majority of studio flash and continuous lighting systems and even for mounting flashguns these days. We recommend Interfit or Paterson stands that are manufactured from high-grade aluminium with strong nylon reinforced collars and thumbscrews with solid brass head fitting. Both are air-cushioned to give maximum protection to the lighting units fitted onto them. A new innovative alternative this year comes from Manfrotto. Their Nanopole Kit includes removable centre column and a new snap head that clicks onto the spigot to hold a flashgun – all folding down into a carry case.



Code	Brand	Product		Ex VAT	Inc VAT
26237	Interfit	COR 750 Lighting Stand Compact	Pneumatic, 90in height, 4 section	£34.41	£41.29
26238	Interfit	COR 751 Lighting Stand Standard	Pneumatic, 104in height, 4 section	£38.58	£46.29
26239	Interfit	COR 752 Lighting Stand Large	Pneumatic, 118in height, 4 section	£41.24	£49.49
26137	Manfrotto	Nanopole Lighting Stand Kit for flashguns	Lighting Stand, boom, Tilt head for flashguns, carry bag	£74.99	£89.99
65118	Paterson	LIT300, Lighting Stand, 4 section	Operates between 80cm and 244cm	£38.66	£46.39

## INTERFIT AND ELINCHROM SNOOTS, HONEYCOMBS, CORDS AND BAGS

Often forgotten studio head accessories. These little bits can make the difference.



Code	Brand	Product	Ex VAT	Inc VAT
26066	Interfit	INT 212 Snoot with Gel Set and Honeycomb Grid For EX series	£29.16	£34.99
65008	Interfit	INT 209 Snoot for Stellar 150 or 300	£28.33	£33.99
65031	Interfit	INT RB4001 Barn Door Set for Stellar	£36.91	£44.29
65009	Interfit	INT AH6030 Honeycomb for Stellar 150 or 300	£25.83	£30.99
65029	Interfit	INT 433 Stellar Kit Bag	£47.24	£56.69
65047	Interfit	INT 434 Studio Roller Kit Bag	£43.33	£51.99
25105	Elinchrom	Remote Control Sync Cable with 3.5mm Plug	£24.17	£29.00
25585	Interfit	CIA330 Camera to Electronic Flash Lead, 4.5m	£8.99	£10.79
25586	Interfit	CIA332 Sync Cord Small Plug, 3.5m	£8.99	£10.79

## INTERFIT AND LASTOLITE REFLECTORS

They're invaluable bits of kit that every good photographer should have when you want to modify the light. Technically, Umbrellas that come with a lighting kit are reflectors and perform this task but most people think of standalone accessories when they think of reflectors. We sell a wide range of circular, triangular, square and many fold down to fit straight into a gadget bag due to their collapsible design. The three most popular reflectors are white, silver and Sunfire each having a different effect on the lighting "colour". Choose Interfit or Lastolite.



Code	Brand	Product	Ex VAT	Inc VAT
65126	Elinchrom	Reflector Set (silver, gold, translucent, frost)	£22.49	£26.99
65012	Interfit	INT 269 Flat Panel Reflector and Stand	£67.83	£81.39
65013	Interfit	INT 267 Circular Reflector 32in, Silver/Gold	£23.24	£27.89
65014	Interfit	INT 268 Circular Reflector 32in, Silver/White	£23.24	£27.89
65015	Interfit	INT 274 Reflector Bracket	£20.66	£24.79
27041	Lastolite	Universal Bracket - 1100	£45.00	£54.00

## INTERFIT 5-IN-1 REFLECTORS

5 in One Reflector Kits make the choice of which reflector to buy an easy one... you get a choice of each of the 5 most popular surfaces. Interfit's versatile 107cm (42 inch) kit comes with a spring frame covered with white translucent material that can be used to diffuse both studio light and direct sunlight. A reversible cover offers a choice of white, silver or gold reflective surfaces, plus a black surface for use when there is a need to increase contrast in a picture by cutting down the amount of light that is reflected into the shadows. Size open: 107cm (42in), size closed: 40cm (16in).



Code	Brand	Product	Ex VAT	Inc VAT
65016	Interfit	INT 265 5-in-1 Reflector 42in	£36.08	£43.29
65038	Interfit	INT 273 5-in-1 Reflector Kit	£68.74	£82.49

## LASTOLITE COLLAPSIBLE REFLECTORS

Insert existing image: collapsible range.jpg  
Lastolite, the original manufacturer of collapsible reflectors, continues to improve the quality and variety of its reflector range. As well as the lifetime guarantee on the reflector steel, Lastolite has also upgraded the rim tape to create a stronger, longer lasting reflector.

- Features
- Collapsible / Reversible
  - Lifetime rim guarantee
  - Upgraded rim tape
  - Six useful sizes
  - Six essential colours
  - Double-coated reflective surfaces
  - Collapses to a third of its original size



Code	Brand	Product	Ex VAT	Inc VAT
27067	Lastolite	Collapsible Reflector Silver/White, 50cm - 2031	£19.99	£23.99
27068	Lastolite	Collapsible Reflector Silver/White, 75cm - 3031	£30.00	£36.00
27069	Lastolite	Collapsible Reflector Silver/White, 95cm - 3831	£49.17	£59.00
27070	Lastolite	Collapsible Reflector Sun/Soft Silver, 50cm 2028	£19.99	£23.99
27071	Lastolite	Collapsible Reflector Sunlite/Soft Silver, 75cm 3028	£30.00	£36.00
27072	Lastolite	Collapsible Reflector Sunlite/Soft Silver, 95cm 3828	£49.17	£59.00

## LASTOLITE TRIGRIP

The expanded range of TriGrip reflectors now come with a new comfortable moulded handle, with securing strap, allowing even more accurate positioning of the reflector with one hand. This means that light can be directed to all those awkward spots e.g. under the chin and eyes without the need for stands or supports. In the TriFlip 8:1 kit the TriFlips come with a 75cm (30") 2 Stop TriGrip Diffuser is offering an 8 in 1 reflector solution.



Code	Brand	Product		Ex VAT	Inc VAT
27043	Lastolite	TriGrip Mini Silver/White 45cm - 3531	Small enough to fit into camera bags	£34.58	£41.50
27044	Lastolite	TriGrip Mini Gold/White 45cm - 3541	Small enough to fit into camera bags	£34.58	£41.50
27045	Lastolite	TriGrip Mini Silver/Sunfire 45cm - 3536	Small enough to fit into camera bags	£34.58	£41.50
27046	Lastolite	TriGrip Mini Soft Silver/Sunfire 45cm - 3528	Small enough to fit into camera bags	£34.58	£41.50
27047	Lastolite	TriGrip Mini Diffuser 1 Stop 45cm - 3551	Small enough to fit into camera bags	£34.58	£41.50
27049	Lastolite	TriGrip Silver/White 75cm - 3631	Hold reflector with just one hand	£52.50	£63.00
27050	Lastolite	TriGrip Translucent 75cm - 3607	Hold reflector with just one hand	£52.50	£63.00
27051	Lastolite	TriGrip Gold/White 75cm - 3641	Hold reflector with just one hand	£52.50	£63.00
27052	Lastolite	TriGrip Silver/Sunfire 75cm - 3636	Hold reflector with just one hand	£52.50	£63.00
27053	Lastolite	TriGrip Diffuser 1 Stop 75cm - 3651	Hold diffuser with just one hand	£52.50	£63.00
27054	Lastolite	TriGrip Soft Silver/Sunfire 75cm - 3628	Hold diffuser with just one hand	£52.50	£63.00
27055	Lastolite	TriGrip Silver/White 120cm - 3731	Large one handed reflector	£67.50	£81.00
27056	Lastolite	TriGrip Silver/Sunfire 120cm - 3736	Large one handed reflector	£67.50	£81.00
27057	Lastolite	TriGrip Gold/White 120cm - 3741	Large one handed reflector	£67.50	£81.00
27058	Lastolite	TriGrip Diffuser 1 Stop 120cm - 3751	Large one handed diffuser	£67.50	£81.00
27060	Lastolite	TriGrip Soft Silver/Sunfire 120cm - 3728	Large one handed reflector	£67.50	£81.00
27061	Lastolite	TriGrip TriFlip 8 in 1 Kit 75cm - 3696	Seven reflector surfaces in one kit	£74.99	£89.99



## LASTOLITE TRI-GRIP DIFFLECTORS

The Difflector combines a reflector and a diffuser in a single unit - due to fabric that transmits light on one side but bounces it off the other side. It is both very clever and very useful.

- Features
- Can be held with one hand
  - Use as a diffuser or a bounce reflector
  - Collapses to a third

Code	Brand	Product		Ex VAT	Inc VAT
27076	Lastolite	TriGrip Difflector Soft Silver Mini 45cm (18in) - 3552		£34.16	£40.99
27077	Lastolite	TriGrip Difflector Soft Silver 75cm (30in) - 3652	Dual purpose reflector and diffuser panel	£52.50	£63.00
27078	Lastolite	TriGrip Difflector Soft Silver Large 1.2m (48in) - 3752		£67.50	£81.00
27082	Lastolite	TriGrip Difflector Soft Gold Mini 45cm (18in) - 3553		£34.16	£40.99



# LIGHT CONTROL

Flash Meters are the classic way to understand how much light is being produced in the studio. Your camera meter generally cannot meter flash, so a handheld meter is the necessary norm to know what your lights are doing. Of the two types, a reflected meter does not meter flash so choose an incident or reflected light meter when copes with flash or continuous light.

## SEKONIC METERS SEKONIC -208 FLASHMATE

Insert existing image: 17021.jpg

- Smallest incident and reflected light measurement
- One handed operation
- Accessory mounting shoe to attach to camera hotshoe
- Battery check button to monitor battery voltage
- A sharp 33 degree angle measurement with guide in reflected mode
- 'Hold and Read' function maintains the current reading for 15 secs.



## SEKONIC L308S FLASHMATE

- World's smallest LCD exposure & flashmeter
- Ambient flash measurement selected by a single mode button
- Incident or reflected light reading is selected by sliding a light receptor
- Exposure value EV (-)5 - EV26.2
- Full, 1/2, 1/3 step selectable aperture settings
- Cord or cordless flash measuring
- With case, strap and battery

## GOSSEN DIGITSIX DIGITAL LIGHT METER

Feature-packed Digisix

- Measuring range of EV 0 to 18
- Provides readings on ambient, incident and reflected light
- Metering mode can be quickly changed to contrast measurement
- Adjustments in all modes can be made in 1/3 stops
- Retains recent readings in its memory
- Includes countdown timer (30 mins.), clock and alarm
- Includes built-in thermometer (-15° to 70°C)
- Weighs just 40 grams



## SEKONIC L758D DIGITAL MASTER

- World's first meter with exposure profiling for digital cameras
- Use with or without Pocket Wizard as comes with a built-in radio triggering module.
- Program to your own digital SLR-first meter to do this
- "Target" profile included in price (worth £100) for most popular SLRs
- Dual readout – incident and reflected light
- With training video available from us on CD



## GOSSEN SIXTOMAT F2 DIGITAL LIGHT METER

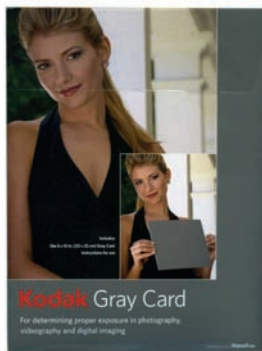
Measures incident light & reflected light

- Incident and reflected light and flash measurement with results displayed in full, 1/2 or 1/3 stop increments
- f-stop range from 1.0 to 90, exposure time from 1/8000ses to 60 minutes
- Aperture or shutter priority pre-selection as well as EV display
- Flash exposure measurement (cord/non-cord) with ambient light ratio & multi-flash calculation
- f-stop readings for adjustable film speeds ranging from 8 to 64 fps



## KODAK GREY CARD

Camera meters are set to expose for 18% grey, this is a standard in photography. However, if you point a camera at a mostly white subject, say, snow, a white wedding dress or a giant pile of sugar, the camera meter will underexpose the image because it's trying to make the image grey. Likewise, it does the opposite for very dark subjects. Heavy shadows, a black-haired dog, or a black backdrop: the camera will overexpose these.



To use it to establish correct exposure using Kodak's Grey Card shoot in manual mode so that you maintain control over aperture, shutter speed and ISO.

Put it in the same light as your subject and fill as much of the frame as you can. Study your camera's light meter and make the adjustments to the settings as needed to make sure it's exposed correctly. Proceed to shoot your subject using these settings sans the grey card. A Grey Card is especially useful in a studio, but equally at home outdoors too for the same reasons. The white side offers 90% reflectance.

Code	Brand	Product		Ex VAT	Inc VAT
27043	Lastolite	TriGrip Mini Silver/White 45cm - 3531	Small enough to fit into camera bags	£34.58	£41.50
27044	Lastolite	TriGrip Mini Gold/White 45cm - 3541	Small enough to fit into camera bags	£34.58	£41.50
27045	Lastolite	TriGrip Mini Silver/Sunfire 45cm - 3536	Small enough to fit into camera bags	£34.58	£41.50
27046	Lastolite	TriGrip Mini Soft Silver/Sunfire 45cm - 3528	Small enough to fit into camera bags	£34.58	£41.50
27047	Lastolite	TriGrip Mini Diffuser 1 Stop 45cm - 3551	Small enough to fit into camera bags	£34.58	£41.50
27049	Lastolite	TriGrip Silver/White 75cm - 3631	Hold reflector with just one hand	£52.50	£63.00
27050	Lastolite	TriGrip Translucent 75cm - 3607	Hold reflector with just one hand	£52.50	£63.00
27051	Lastolite	TriGrip Gold/White 75cm - 3641	Hold reflector with just one hand	£52.50	£63.00
27052	Lastolite	TriGrip Silver/Sunfire 75cm - 3636	Hold reflector with just one hand	£52.50	£63.00
27053	Lastolite	TriGrip Diffuser 1 Stop 75cm - 3651	Hold diffuser with just one hand	£52.50	£63.00
27054	Lastolite	TriGrip Soft Silver/Sunfire 75cm - 3628	Hold diffuser with just one hand	£52.50	£63.00
27055	Lastolite	TriGrip Silver/White 120cm - 3731	Large one handed reflector	£67.50	£81.00
27056	Lastolite	TriGrip Silver/Sunfire 120cm - 3736	Large one handed reflector	£67.50	£81.00
27057	Lastolite	TriGrip Gold/White 120cm - 3741	Large one handed reflector	£67.50	£81.00
27058	Lastolite	TriGrip Diffuser 1 Stop 120cm - 3751	Large one handed diffuser	£67.50	£81.00
27060	Lastolite	TriGrip Soft Silver/Sunfire 120cm - 3728	Large one handed reflector	£67.50	£81.00
27061	Lastolite	TriGrip Triflip 8 in 1 Kit 75cm - 3696	Seven reflector surfaces in one kit	£74.99	£89.99

Cameras  
Camera Accessories  
Camera Lenses  
Camera Flashguns  
Studio Equipment  
Film  
Film Developing  
Print Developing  
Darkroom Papers  
Creative Photography  
Inkjet Papers  
Inkjet Printers  
Scanners  
Slide Projectors  
Memory  
Mounting  
Index



# STUDIO PRODUCT PHOTOGRAPHY

Company websites and on-line selling plus the desire to have products to be lit correctly require using both existing studio equipment and the addition of additional relevant accessories. The world of lighting solutions for product photography also involves taking a different approach to that used for normal studio photography.

Our recommendations for kits to put your products in the best light are divided up by product sizes in small and jewellery, products up to 25cm cubes and those above 25cm<sup>3</sup>.



## JEWELLERY AND SMALL ITEMS ON EBAY

For small items we recommend an all-in-one unit that includes its own lighting, thereby eliminating the guess work when it comes to lighting.

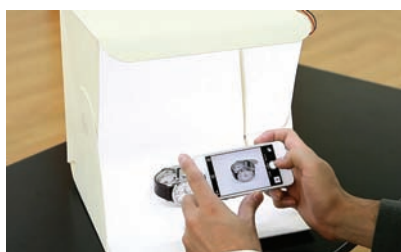
### FIRSTCALL FOLDING MACRO LIGHT



Ideal for jewellery and small items below 20cm<sup>3</sup>, this unit is designed like a cut-out light box. It includes 2x cold cathode 5000K daylight lamps with individual control that provide both shadow free and evenly diffused light.

The Macro Light has no "white-out" that normally follows close-up photography and includes a Slow-sync. A mode, which cures the problem by illuminating the background and foreground evenly. Four-way barn foldable doors give you reflection control over your final shot. The unit is powered by 6x AA batteries or AC adaptor (included) which is included. H 35 x W 250 x D 190mm.

### FIRSTCALL FOLDIO



Foldio allows anybody with a smartphone to easily take high quality pictures. It's the "world's first foldable studio", the foldable cardboard light box that pops up in seconds thanks to the built-in magnets. It has its own lighting in the form of two built-in LED strips (powered by 2x 9v batteries (not included) to produce 5700K Daylight output and includes white, grey and black background sheet which are replaceable and washable. H 26 x W 26 x D 26cm.

### LASTOLITE EBAY EPHOTOMAKER KIT



If you are a digital photographer who principally photographs small objects for advertising on eBay, and you are looking to improve your photos on the web, the Lastolite ePhotomaker adds a professional feel to amateur product photography by providing well-lit photos with accurate colour.

The ePhotomaker kit contains a Lastolite EzyBalance for accurate colour and exposure, table top tripod, blue daylight gel with clips as a background, diffuser fabric to soften the light and a reflector to fill in the shadows. It comes in two sizes for 24 inch or 36 inch widths.

### INTERFIT LED STUDIO TABLE FOR EBAY



No one has ever produced a mini table with lights for eBay sellers before now. However, Interfit's LED Studio Table addresses this by giving you everything to perfectly light your sale items for eBay and other auction sites. It's like the Lastolite ePhotomaker on steroids. The table is 40cm W x 34cm D x 24cm H (9.5 x 16 x 13.5 inches) making it small enough that can sit on any desk top and the 200 LED panel is mains powered. The light includes a flexible arm to position the panel perfectly and attaches to the side of the table.

### FIRSTCALL DIGI BOX SYSTEM



This beautifully engineered box guarantees shadow-free balanced lighting making it ideal for jewellery, watches and small electronics etc.

With an internal working area of 30 x 25cm, this "plug-and-use" unit illuminates the box with three-way, 5200K daylight lights that are individually dimmable (top, bottom, base). The box also includes a 125mm camera mount to affix it to the top of unit while shooting down through the box onto the subject. Six different colours of background paper are included in the package. 24V 2AMP power supply. H 30 x W 37 x D 33cm.

Code	Brand	Product		Ex VAT	Inc VAT
12074	Firstcall	Foldio Foldable Studio for Smartphones	Totally portable, including 2x 5700K strip light lights	£41.66	£49.99
23498	Lastolite	ePhotomaker Kit Small - 2484	Shadowless tent for eBay users, 24 inches at widest point	£49.16	£58.99
12072	Firstcall	Foldable Macro Light	Small object, 5000 K digital photography light	£74.99	£89.99
23497	Lastolite	ePhotomaker Kit Large - 3684	Shadowless tent for eBay users, 36 inches at widest point	£79.17	£95.00
65051	Interfit	INT 399 Portable LED Studio Table for eBay	200 LED panel ensures perfectly lit shots for eBay sellers	£108.33	£129.99
91005	Firstcall	Digi Box System (DIB1210)	Guaranteed shadow free photography for small objects	£458.33	£549.99

## MEDIUM SIZED PRODUCT SHOTS

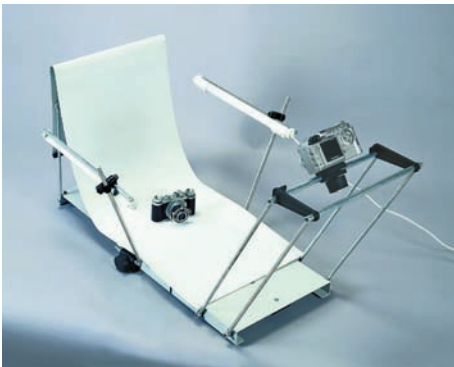
For products up to two inches in size we recommend two complete lighting table sets from ourselves and Kaiser.

### FIRSTCALL MDSK-1 COMPLETE DIGITAL STUDIO KIT



Our very own compact yet perfect in-house digital product photography set includes five 5000k daylight lights - two on the side, one on the top, one at the back and one below. All the lights can easily be positioned on a normal working desktop. Designed to take a maximum height of roughly 30 cm., the unit is ideal for backlit products like glassware, translucent materials, flowers etc. and the powerful lights illuminate any shadows. You get 48W lights for the main and back versions while the other three are all 32W output. The table is collapsible and all stands, boom and pan/tilt brackets needed are included. H 55 x W 69.4 x D 59cm.

### KAISER STUDIO-OUT-OF-THE-BOX



Kaiser's folding compact unit fits in the box when not in use and is ideal for items up to 25cm in size. It has a camera mounting on a sliding tilting rail to get it in a perfect shooting position for each shot. The 30 x 45 cms baseboard has a drawer containing a foldout holding frame which also carries the background material you get with the set. An additional pull out drawer extends the length of the studio by 30cms. And you can buy it with or without a twin 25cm daylight lightset. When not in use it folds down to store in the box. H 58.5 x W 33 x D 5.7cm (folded).

### INTERFIT FOLDING PHOTO BOX

This low cost accessory for product shots is a basic diffuser box that ideally goes with the Paterson table or can be used simply on any desktop. It aids shadow free photography and we recommend it to be used with continuous lighting i.e. Paterson and Interfit's Cool-lite or Tungsten kits.



- Dimensions: 50 x 50 x 50 cm
- Removable fabric background (blue)
- Translucent white top and sides for diffusing light
- Folds to 43 x 43 x 2.5cm
- Ideal for eBay photos

### LASTOLITE CUBELITE DIFFUSERS



These translucent diffusers are the next step up from the Interfit Folding Photo Box as the material used ensures your lighting is diffused (softened) and harsh shadows are eliminated. The Interfit folding box is great for small product shots, but when you want products of 2 feet and above we recommend Lastolite and their (original) idea of a pop-up cube light-tent. Simply place your product inside, light from the side(s) and shoot from the front. Its tensioned diffuser fabric means the reflections on even the most reflective surface are kept to an absolute minimum, whilst the generous front opening can be closed to mask reflections from the camera/operator as well. Choose Lastolite (for durability) when you have to use a pop-up tent regularly or Interfit if only needed on odd occasions thereby saving you money.

### PATERSON PRODUCT TABLE

Sometimes you already have studio lights to illuminate your products but want to buy the component parts. A Product Lighting Table is what's needed here and we recommend the traditional



Paterson model. It is fully collapsible, can be assembled in minutes and positioned for use on an office desk or table. Ideal for product and still life photography, its matt opaque non-reflective surface can be illuminated from both underneath & behind when required. We also include a leg extension kit that converts the table into a much more practical free-standing unit as is shown in the picture.

- Two piece unit - table and floor extension legs
- Ideal for small product and still life photography
- Fully collapsible and assembled in minutes
- Position for use on office desk or table
- Matt opaque non-reflective surface
- Illuminate from both underneath & behind
- Included leg extension kit enables free standing floor use
- H 65 x W 65 x D 80cm.
- Leg set adds increased height to 130cm.



Code	Brand	Product		Ex VAT	Inc VAT
23510	Firstcall	MDSK-1 Mini Digital Studio Kit	5 light digital studio with stands, recommended	£583.33	£699.99
91101	Kaiser	Studio-out-of-the-Box	Compact studio that folds down into a box	£133.33	£159.99
91102	Kaiser	Light Set for Studio-Out-Of-The-Box	Pair of 8x fluorescent lamps for use with S00TB	£149.99	£179.99
23547	Lastolite	Fluorescent Cubelite Kit 58cm (24in) - 3661	Includes S600K Light and reflector, for large digital product shots	£225.00	£270.00
65023	Paterson	LIT322 Table Top Studio, including legs	Fully collapsible with matt, opaque surface	£183.33	£219.99
65024	Interfit	INT 296 Studio Tent	Clips over the Table Top studio, reduces shadows	£37.49	£44.99
65022	Interfit	INT 310 Folding Photo Box	40x40x40cm, c/w b/grounds, Ideal for eBay photos	£31.66	£37.99
65019	Interfit	INT 315 Pop-Up Light Tent 60cm	Folds down to 28cm, incl. circular bag	£36.66	£43.99
65020	Interfit	INT 316 Pop-up Light Tent 90cm	Folds down to 40cm, incl. circular bag	£59.99	£71.99
23500	Lastolite	Cubelite 90cm (36in) - 3686	Fold flat cube, for large digital product shots	£101.67	£122.00
23501	Lastolite	Cubelite 120cm (48in) - 4886	Fold flat cube, for large digital product shots	£116.66	£139.99
23505	Lastolite	Studio Cubelite, 70cm x 155cm - 8824	Cubelite including table for easier photography	£204.16	£244.99
23506	Lastolite	Studio Cubelite, 100cm x 185cm - 8836	Cubelite including table for easier photography	£262.49	£314.99

# PRODUCT PHOTOGRAPHY BACKGROUNDS AND LIGHT CONTROL

## COLORAMA COLORMATT BACKGROUNDS

Colorama has introduced new, low-cost backgrounds for product shots in analogue or digital photography. Available in 9 different colours, they're a perfect one-off solution for when you want a bright background, for table-top photography, without the hassle of setting up a background support. They are 1 x 1.3 metre backgrounds and being matt\*, they minimize

most lighting reflections.

These PVC plastic sheets provide a smooth, crease free surface which is water and scratch resistant and come packed in a cardboard tube for protection and easy transit. \* One option is to also have the sheet in white gloss.



Code	Brand	Product		Ex VAT	Inc VAT
27447	Colorama	Colormatt 100x130cm Background, 9700, Coal	For product photography; create attractive reflections	£10.83	£13.00
27448	Colorama	Colormatt 100x130cm Background, 9010, Dove Grey	For product photography; create attractive reflections	£10.83	£13.00
27449	Colorama	Colormatt 100x130cm Background, 5047, Electric	For product photography; create attractive reflections	£10.83	£13.00
27450	Colorama	Colormatt 100x130cm Background, 6900, Navy	For product photography; create attractive reflections	£10.83	£13.00
27451	Colorama	Colormatt 100x130cm Background, 4550, Poppy	For product photography; create attractive reflections	£10.83	£13.00
27452	Colorama	Colormatt 100x130cm Background, 6400, Royal Blue	For product photography; create attractive reflections	£10.83	£13.00
27453	Colorama	Colormatt 100x130cm Background, 9270, Slate	For product photography; create attractive reflections	£10.83	£13.00
27454	Colorama	Colormatt 100x130cm Background, 7100, Spring Green	For product photography; create attractive reflections	£10.83	£13.00
27455	Colorama	Colormatt 100x130cm Background, 1309, Super White	For product photography; create attractive reflections	£10.83	£13.00
27034	Lastolite	EzyBalance 30cm - 1250	Pop Up 18% Grey Card with white flipside	£16.66	£19.99
27035	Lastolite	EzyBalance 50cm - 2050	Pop Up 18% Grey Card with white flipside	£26.24	£31.49
27036	Lastolite	XpoBalance 38cm - 1558	Pop up 18% greycard with batch adjustment	£29.99	£35.99
27037	Lastolite	TriBalance 75cm - 3658	Silver reflector with grey/white/black card on the flipside	£66.66	£79.99

## LASTOLITE BALANCE GREY CARDS

Just like with normal studio shots, a grey card is an invaluable aid for product shots too. We recommend the Lastolite EzyBalance family as they are a handy double-sided 'pop up' 18% grey/white cards that simplifies the complex issues surrounding exposure and colour correction when working in different lighting conditions. They can be used for either film or digital SLRs and is collapsible, durable, and cleanable so can be taken everywhere your gadget bag goes.

The unique focusing site is used as the focussing point for your White Light Balance. You then correct the exposure by making the EzyBalance the centre of the shot. The same can even be done post exposure (if preferred) by using Photoshop and creating an 'action' involving the grey dropper in Levels Adjustment to get to the correct White Light Balance.

This inexpensive modern-day grey card is so valuable for batch shots of products within the studio.



## LARGE SIZED PRODUCT SHOTS FIRSTCALL DSK-1 COMPLETE STUDIO DIGITAL KIT

This kit will handle a maximum 40cm height making it ideal for those "larger than normal" product shots. It's underneath lighting burns out the shadows around products and with its four other fluorescent lights will give perfect lighting conditions. You get two on the sides, one on the top, one at the back and the final one for below subject illumination.

Quick and easy to set up, this flexible lighting solution is recommended for people inexperienced in photographic lighting. With soft daylight illumination, this complete kit will give you the capability to achieve professional shadow-free photographs. It is brilliant when your products need backlighting e.g. glassware, translucent materials, flowers etc.

We recommend using your digital camera in manual mode for best results. Another tip is that as soon as you turn the lights on, they will become bright at once, but you need to wait for about 2 minutes until the light reaches the luminance completely, so that the gas inside the light tube is fully activated.

The lights, all daylight (5600k) balanced, have 100W or 96W outputs with the

bottom light being 72W output. The Desk-Top Shooting Table is collapsible and you get stands, boom and pan/tilt brackets to personalise your lighting. A diffusion sheet is included which simply clips to the table.

Overall Dimensions	
When set up (WxDxH)	122 x 960 x 142 cm
Shooting (approx.)	88 x 80 x 59 cm

- Quick and easy to set up, but ideally would be set up all the time
- Soft daylight illumination with easy to achieve shadow-free effects
- Most handy and flexible lighting solution for large size objects, particularly good for people inexperienced in photographic lighting
- Needed by any business which needs to take product photos for websites, e-mail attachments or any other internet activities
- Makes product photography hassle free



Code	Brand	Product		Ex VAT	Inc VAT
23509	Firstcall	DSK-1 Complete Digital Studio Kit	5 light digital studio with stands for large product shots	£1333.33	£1599.99