

# Compact Flash





**For over 40 years** Bowens has been one of the world's leading manufacturers of high-quality photographic lighting equipment. Throughout its history, Bowens has consistently delivered products with leading-edge technology, outstanding versatility and solid value. Whether you are photographing in the studio or on location, Bowens has created a comprehensive system of lighting products and light control accessories that is unparalleled. It is our commitment to excellence that has made us the choice of top professionals around the world.

**BOWENS**

# Flash.

Flash is an essential lighting tool for almost any professional photographer and there is no more practical lighting tool than the monobloc. Bowens, instrumental in the development of the original monobloc, has become one of the world's leading manufacturers and innovators in monobloc design. So we are proud to introduce the newest and most exciting range of Bowens monoblocs in a generation. For the very first time, Bowens offers a monobloc for all serious lighting applications, from the entry-level portrait photographer to those working in sophisticated digital studios.

Bowens has created three distinctly different ranges under the Esprit name: the Esprit Digital PRO, the Esprit Digital DX and the Esprit. Each offers a different level of precision and refinement perfectly suiting the many different types of photographic applications faced by today's photographers.

And because we at Bowens are passionate about photographic lighting, each monobloc series shares the same comprehensive selection of light control accessories, giving the photographer the freedom and flexibility to create lighting as varied and appropriate as the subjects being photographed. In short, we offer the most complete lighting system for today's discerning photographers and imagemakers.

Bowens monoblocs also share all of the attributes and benefits common to most self-contained flash systems including extreme portability, ease of use, independent variable-flash output and unlimited power potential. To that impressive list, Bowens adds colour and output consistency, advanced design, robust construction and our assurance of trouble-free operation.

If you're looking for the highest-quality lighting equipment for the best value, you need to look no further than the proven lighting leader — Bowens.

# The Esprit Digital 750 PRO

A new level of lighting sophistication for today's digital world

This exciting new monobloc represents a major advance in photographic lighting, offering unprecedented precision and repeatability to compliment today's sophisticated imaging tools. Perhaps what makes it stand out most from the competition is not just that it's a great flash, but that it is such a tremendous value.

The Digital 750 PRO was designed from the bottom-up to deliver a level of output accuracy and color consistency that is uncompromised. We wanted to achieve an overall performance level that would perfectly suit the demands of today's working professional and set new standards in the performance of monobloc flash units. This amazing new unit excels at both.





## Critical Colour Temperature and Consistent Output

The most revolutionary engineering aspect of the Digital 750 PRO is its multi-capacitor circuitry. This advanced technology produces consistent colour temperature over an extended power range — an extremely important factor while working with digital imaging. Since Bowens manufactures to the strictest tolerances, colour consistency extends from unit to unit, making it possible and practical to illuminate a subject or scene with several units, each producing the same colour temperature. This is a significant benefit to digital photographers, saving immeasurable amounts of post-production time.

## Control Flexibility and Fashionable Specs

Another benefit to the Digital 750 PRO's unique multi-capacitor circuitry is its ability to be switched from 750 to 500 to 250w/s. Switching out banks of capacitors increases the overall power range of the unit to more than seven f-stops or from 750 to just 7w/s. Our triple-electrode flash tube design produces faster flash durations at such action-stopping speeds as 1/3250 sec. at 250w/s. Coupled with a recycle times as low as 0.6 seconds, this makes the Digital 750 PRO perfect for fashion assignments as well as other high-speed applications.



## Exceptional Performance Around the World

Photography has become an international profession and the Digital 750 PRO was created to work anywhere in the world. Its advanced voltage-seeking system ensures constant performance from 90 – 240V.

The recycling speed at all power levels is astonishing, taking only 0.8 sec. to recycle to 750w/s on 240V. On lower voltages, the performance is equally impressive, making it significantly faster than many single-voltage units.

## Convenient Remote Control

The RC-1 Infra Red Remote-Control Handset, dedicated to Bowens Digital 750 PRO and DX monoblocs, provides the option of remotely operating all principal functions from distances up to 10m (35'). This handy device offers eight-channel operation as well as power output up/down, photo cell on/off, capacitor switching, bracketing, modelling lamp functions, test/open flash, sounder on/off and function selector.



### Special Digital 750 PRO features at a glance:

- Advanced colour consistency
- Precision power control in  $\frac{1}{4}_{10}$  f-stop increments
- $7\frac{1}{2}$  f-stop power range
- Instant power switching from 750 to 500 to 250w/s
- Multi-voltage circuitry for use anywhere in the world
- Very fast recycling — as fast as 0.8 sec.
- Action-stopping flash durations — as fast as 1/3250 sec. at 250w/s
- Variable auto-bracketing facility
- Fully stabilised to within  $\pm 0.05$  f-stop within each range
- Full microprocessor control over flash and modelling circuits
- Auto-bracketing —  $\frac{1}{4}_{10}$  to  $\frac{9}{4}_{10}$  f-stop
- Full Infra Red remote control
- Two-year warranty



# The Esprit Digital DX Series

Combining the strengths of our past with an eye on the future to set new standards in accuracy and repeatability

The Esprit Digital DX Series was designed and engineered for the photographer who needs an increased level of lighting precision. Whether it's the fine power-output adjustments for a crucial transparency shot or the refined repeatability that is so important with today's digital imaging tools, the Digital DX Series offers top performance and exceptional value for the money.

Consider these technological lighting advancements:

- Precision light-output adjustments to an accuracy of  $\frac{1}{4_{10}}$  f-stop
- Power-control range of six f-stops, from full to  $\frac{1}{4_{32}}$
- A huge selection of reflectors and light control accessories
- A choice of three different models: 250, 500 and 1000w/s
- A built-in and switchable slave cell
- Units fire at 100% recharge for complete accuracy
- Full Infra Red remote-control capabilities
- Three-position modelling lamp settings: off, on at 100% brightness or in proportion to the flash power selected
- User-replaceable flash tubes



## The Esprit Digital DX Monoblocs — Available in Three Models

All three models feature variable power adjustments and completely interchangeable reflector and accessory mounts. This makes them an amazingly versatile lighting system, no matter how you combine them.

### Esprit Digital DX250

Perfect for small studios, location work or for portraits, the Digital DX250 is capable of delivering plenty of light for the portrait photographer. It also has the advantage of an extended power range for the highest level of creative control; at minimum power the Digital 250DX is capable of delivering just 7w/s of power. As well as being a perfect portrait light, the controllability of the unit makes it a great hair light or background light. Although compact and lightweight, the 250DX is designed with a strong steel casing to resist the rigors of studio life. The advanced circuitry delivers fast recycling times (1.2 sec.) and a very fast flash duration (1/1100 sec.). In short, the 250DX is an exceptional flash unit that will prove invaluable in many studios.



### Esprit Digital DX500

The 500w/s monobloc has been our most popular size for decades. The evolution of the 500DX brings a level of control and precision to what has always been our best-selling product. Whether you need power for commercial applications or the finesse of 1/4 f-stop accuracy for complete control, the 500DX is the perfect lighting solution. The DX range benefits of power accuracy, repeatability and full IR remote-control capability are all found on the 500DX, which also boasts good flash duration and excellent recycling speeds. No larger than the 250DX and weighing only a fraction more, the 500DX is the perfect complement to any studio and the foundation of a first-class lighting system — whatever your photographic specialisation.



### Esprit Digital DX1000

The 1000DX is the heavyweight of the range — in performance (it's actually quite lightweight for its power level). This unit is capable of delivering considerable amounts of power with precision and control. Two f-stops brighter than the 250DX, it is still capable of delivering flash of just 28w/s — a gentle giant indeed! The 1000DX is perfect where high light output and hard work are the order of the day. Fan cooled, the 1000DX can deliver shot after shot, keeping up with the most demanding studio environments. With resilient circuitry and robust design, this will be a classic workhorse flash unit for years to come. The 1000DX is fitted with a three electrode flash tube giving impressive performance and flash duration at full power is just 1/1700 sec. The unit can also recycle to full power in just over two seconds. If you are looking for power and controllability, the 1000DX could be the perfect flash unit for your studio.



## RC-I Infra Red Remote Control

Dedicated to both the Bowens DX and Digital 750 PRO monoblocs, the RC-I can remotely operate all principal functions from distances up to 10m (35'). This handy device offers eight-channel operation as well as power output up/down, photo cell on/off, capacitor switching, bracketing, modelling lamp functions, test/open flash, sounder on/off and function selector.



# The Original Bowens Esprit

Light source for millions of images by thousands of photographers around the world

The Esprit monobloc line is the foundation of the Bowens flash family. It represents a successful evolution of four decades of monobloc excellence and development and, in that tradition, still provides the best value available in high-quality, low-cost lighting for the professional photographer.

The Esprit line consists of five monoblocs. Each is a self-contained flash, incorporating variable-power controls, a choice of modelling lamp modes, a built-in photo-cell slave and an adjustable mounting bracket all in a single, compact unit convenient for location and studio work alike.

Esprit operating controls are easy to understand and simple to use with large rotary dials controlling the output levels of flash and modelling power. For consistency and your peace of mind, all Bowens units feature an indicator light when ready to fire at 100% of their selected power. They are also designed with user-replaceable flash tubes for your convenience. Modelling lamps can be set to indicate when flash has fired and recharging is complete.

As with the entire Bowens system, Esprit monoblocs are compatible with one of the world's most diverse selections of reflector systems and light control accessories. This fact alone makes the Esprit system one of the safest investments you can make in your photographic future. It's a system you will never outgrow.





## Esprit 125

The baby of the range, the Esprit 125 is the ideal choice for the small portrait studio. Power is fully variable over three f-stops and a built-in photocell is featured. It is also an ideal unit for use in a larger studio as a simple hair light or fill light.



## Esprit 250

The perfect portrait light, the Esprit 250 will produce exposures between f/8 and f/11 when used with a white umbrella or soft box, which is ideal for head-and-shoulders work. The Esprit 250 also offers fast flash duration ( $1\frac{1}{4}$  | 100 sec.) and rapid recycling. Flash and modelling lamp power levels are independently controllable from full to  $\frac{1}{4}$ -power.



## Esprit 500

The most popular unit in the range, the 500 offers enough power for the larger portrait studio as well as the smaller commercial studio. Not only does it give a good level of power at the top end, but output can be reduced to  $\frac{1}{4}$ -power, offering the photographer a power range covering six f/stop positions. The slave cell is switchable and an audible beep indicates that the unit has recharged to 100% power. Improved ventilation makes this an exceptionally rugged performer. The Esprit 500 has the same dimensions as the 250 and is only marginally heavier. With its improved recycling times and excellent flash duration, the latest version of this popular and versatile flash unit remains an undisputed favourite around the world.



## Esprit 1000

The Esprit 1000 offers a high level of power without compromising portability or convenience. The specially designed flash tube has three electrodes to ensure short flash duration — at full power the Esprit 1000 fires at 1/1700w/s. The unit's 1000w/s is suitable for commercial/industrial photography as well as larger portrait studios that photograph family groups and team pictures. As with the Esprit 500, the output of the Esprit 1000 can be controlled from full to  $\frac{1}{4}$  and the power-to-weight ratio is excellent for the location photographer. The unit features an audible recharge signal, a switchable slave cell and a highly efficient cooling fan for dependable operation.



## Esprit 1500

The most powerful unit in the range is also the most versatile. The Esprit 1500 is really three exceptional units in one. A selector switch allows it to be set to 500, 1000 or 1500w/s of total power. Since the total flash power is adjustable from full to  $\frac{1}{4}$ -power, the Esprit 1500 offers the photographer an amazing  $7\frac{1}{2}$  f/stop power range. A three-electrode flash tube guarantees short flash durations. The Esprit 1500 also features power dumping so the unit automatically sets to the power selected. The unit features a clear flash tube mounted behind a UV-balanced Pyrex dome to ensure the best possible colour consistency over the life of the flash tube. Combine this with a fan-cooled 650w modelling lamp and you have a most impressive specification.





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	ESPRIT 125	ESPRIT 250	ESPRIT 500	ESPRIT 1000	ESPRIT 1500
230V Product Code	BW2055	BW2060	BW2062	BW2066	BW2068
117V Product Code	N/A	BW2080	BW2082	BW2086	BW2088
Stored Energy	125w/s	250w/s	500w/s	1000w/s	Selectable: 1500, 1000, 500w/s
Guide Number (m/100 ISO)	41	60	82	120	160 at 1500w/s
Recycle time to full power (240v)	0.9 secs.	0.85 secs.	1.0 secs.	2.3 secs.	1.1 secs. (500w/s)
					1.9 secs. (1000w/s)
					2.9 secs. (1500w/s)
Flash Duration to t=0.5	1/2000 sec.	1/1100 sec.	1/700 sec.	1/1500sec.	1/2200 sec. (500w/s)
					1/1500 sec. (1000w/s)
					1/1100 sec. (1500w/s)
Flash Power Variation	Full to 1/44	Full to 1/44	Full to 1/432	Full to 1/432	Full to 1/432 (at each power setting)
Stepless power variation	Yes	Yes	Yes	Yes	Yes
User Replaceable Flash Tube	BW1074 (UV) BW1075 (Clear)	BW2032 (UV) BW2030 (Clear)	BW2032 (UV) BW2030 (Clear)	BW1079 (UV) BW2980 (Clear)	BW2981 (UV Cover Dome) BW2980 (Clear)
Recommended Modelling lamp	275w Photoflood or 250w Halostar**	275w Photoflood or 250w Halostar**	275w Photoflood or 250w Halostar**	275w Photoflood or 250w Halostar**	650w halogen
Model Lamp Variability*	Full Only	Full to 1/44	Full to 1/432	Full to 1/432	Full to 1/432
Colour Temperature (+/- 300 K)	5600 K	5600 K	5600 K	5600 K	5600 K
Voltage Stabilisation	to 5%	to 1%	to 1%	to 1%	to 1%
Flash Inhibit Circuit	No	Yes	Yes	Yes	Yes
Ready Light Indication	at 80% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge
Audible Recharge Confirmation	No	Yes	Yes	Yes	Yes
IR Remote Control	No	No	No	No	No
Reflector Mount	Bowens S Bayonet	Bowens S Bayonet	Bowens S Bayonet	Bowens S Bayonet	Bowens S Bayonet
Operating Voltage	190 – 250V 50Hz	190 – 250V 50Hz	190 – 250V 50Hz	190 – 250V 50Hz	190 – 250V 50Hz
Sync Voltage	15V DC	15V DC	15V DC	15V DC	15V DC
Built In Slave Cell	Yes	Yes	Yes	Yes	Yes
Switchable Slave Cell	No	Yes	Yes	Yes	Yes
Circuit Protection	Yes 5A(F) fuse	Yes 5A(F) fuse	Yes 5A(F) fuse	Yes 5A(F) fuse	Yes 10A(F) fuse
EM Noise Suppression	Yes	Yes	Yes	Yes	Yes
Width (including bracket)	170mm (6 <sup>3</sup> / <sub>4</sub> "	170mm (6 <sup>3</sup> / <sub>4</sub> "	170mm (6 <sup>3</sup> / <sub>4</sub> "	170mm (6 <sup>3</sup> / <sub>4</sub> "	170mm (6 <sup>3</sup> / <sub>4</sub> "
Length	318mm (12 <sup>1</sup> / <sub>2</sub> "	362mm (14 <sup>1</sup> / <sub>4</sub> "	362mm (14 <sup>1</sup> / <sub>4</sub> "	450mm (17 <sup>3</sup> / <sub>4</sub> "	490mm (19 <sup>1</sup> / <sub>4</sub> "
Height	125mm (5")	125mm (5")	125mm (5")	125mm (5")	125mm (5")
Weight	2.2kg (4.8 lbs.)	2.9kg (6.4 lbs.)	3.4kg (7.5 lbs.)	4.5kg (10 lbs.)	5.0kg (11 lbs.)

\* Modelling lamp switchable to intermittent for recharge indication

\*\* Units illustrated in this brochure are fitted with 250w Halostar modelling lamps

All models are constructed in the U.K. of welded steel body with glass-loaded polyester end mouldings and comply with BS EN 50081-1/50082-1



**esprit**  
DIGITAL DX

**esprit**  
DIGITAL DX

**esprit**  
DIGITAL DX

**esprit**  
DIGITAL PRO

### ESPRIT 250DX

### ESPRIT 500DX

### ESPRIT 1000DX

### ESPRIT Digital 750 PRO

BW2120	BW2125	BW2130	BW7500
BW2150	BW2155	BW2160	BW7500
250w/s	500w/s	1000w/s	Selectable: 750, 500, 250w/s
60	82	120	102m at 750w/s
1.2 sec.	1.4 sec.	2.3 sec.	0.8 sec. (230V 50Hz)
			1.4 sec. (120V 60Hz)
			1.9 sec. (100 60Hz)
1/1100 sec.	1/700 sec.	1/1500 sec.	1/3250 sec. (250w/s)
			1/2240 sec. (500w/s)
			1/1700 sec. (750w/s)
Full to 1/432	Full to 1/432	Full to 1/432	Full to 1/432
In 1/410 f-stops	In 1/410 f-stops	In 1/410 f-stops	In 1/410 f-stops
BW2032 (UV) BW2030 (Clear)	BW2032 (UV) BW2030 (Clear)	BW1079 (UV) BW2980 (Clear)	BW2981 (UV Cover Dome) BW2980 (Clear)
275w Photoflood or 250w Halostar**	275w Photoflood or 250w Halostar**	275w Photoflood or 250w Halostar**	650w halogen
Full to 1/432	Full to 1/432	Full to 1/432	Full to 1/432
5300 K	5300 K	5300 K	5300 K
±0.5%	±0.5%	±0.5%	to 0.05%
Yes	Yes	Yes	Yes
at 100% charge	at 100% charge	at 100% charge	at 100% charge
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Bowens S Bayonet	Bowens S Bayonet	Bowens S Bayonet	Bowens S Bayonet
190 – 250V 50 or 60Hz	190 – 250V 50 or 60Hz	190 – 250V 50 or 60Hz	90 – 130 50Hz or 190 – 253V 60Hz
14V	14V	14V	14V
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes 5A(F) fuse	Yes 5A(F) fuse	Yes 5A(F) fuse	Yes 15A(T) fuse
Yes	Yes	Yes	Yes
170mm (6 <sup>3/4</sup> ")	170mm (6 <sup>3/4</sup> ")	170mm (6 <sup>3/4</sup> ")	150mm (6")
390mm (15 <sup>1/4</sup> ")	390mm (15 <sup>1/4</sup> ")	450mm (17 <sup>3/4</sup> ")	425mm (16 <sup>3/4</sup> ")
125mm (5")	125mm (5")	125mm (5")	135mm (5 <sup>1/4</sup> ")
3kg (6.6 lbs.)	3.2kg (7 lbs.)	4.4kg (9.9 lbs.)	4.5kg (10 lbs.)

# Location Lighting Sets

The most popular and economical way to buy monoblocs



## Two-Head Sets

Our most popular set configurations are the two-head sets. These appeal to photographers buying studio lighting for the first time as well as photographers looking for exceptional value for money. A typical two-head set will include two monobloc flash units with two lighting stands. To control the light we include a Bowens soft box and umbrella (together with a wide angle umbrella reflector). In our experience, this creates a very easy-to-use and effective two-light setup. The soft box and umbrella are perfect for portraiture and many still-life applications. The sets include a synch lead for camera connection and all the power cables, modelling lamps and flash tubes necessary to work. Everything is then packed into a single lightweight yet strong carrying bag for easy transportation. The chart opposite gives an indication of possible set configurations that are available.



## Three-Head Sets

It is said that two heads are better than one. Well, when it comes to lighting, the more heads, the better the result. Three heads and their stands are the foundation of these popular sets. For lighting control, we include a soft box and not one but two umbrellas. These are generally of different material finishes in order to give the photographer the greatest degree of creative flexibility. A pair of wide angle reflectors are also included. As with our two-head sets, all the connecting cables, modelling lamps, flash tubes and synch leads are included and the whole package is supplied in two cases: one for the flash units and accessories, the other for the stands. The three-head sets are an excellent foundation for any lighting investment and will provide you with years of service.



Two Head Set



Three Head Set



### Omniball Photo Cell Slave

There may well be times when the built-in photocells just do not receive enough light to trigger the flash. The simplest solution is to plug an extension sync lead into the flash and fit an auxiliary Omnicell into the other end of the extension. The Omnicell is placed in a position where it can "see" the master flash. BWI60



### Infra Red Triggering System

For cable-free synchronisation the Bowens Infra Red Transmitter and receiver is the answer. The small IR transmitter can either be attached to a Hot Shoe or via a short cable to the camera PC socket. This fires a small pulse of IR light. A receiver plugged into the sync socket of the flash unit detects the pulse of IR and triggers the unit. There are no cables and the system operates effectively over large distances. Over short distances, the IR sensitivity of the built-in photocell is often sufficient, making an auxiliary IR receiver unnecessary.

**Infra Red Transmitter** BWI848A

**Infra Red Receiver** BWI840

### Flash Tubes

All Esprit models feature a quick-change, user-replaceable flash tube. These tubes are UV-balanced for colour accuracy on all units other than the Esprit 1500, which has a clear tube beneath a UV-balanced cover glass.

	Esprit	Esprit DX	Esprit 1500
Esprit			
Esprit DX			
Umbrella			
Wide Angle Umbrella Reflector			
Soft Box			
Stand			
RCI Remote Control			
Carrying Case			
Carrying Bag			
Stand Bag			



# The Pioneer Flash System

Rugged, powerful and portable

Whether you shoot commercial, industrial, architectural or social events, the Pioneer offers amazing power options, versatility and creative light control possibilities for the photographer on the go. This portable rechargeable flash system — and it is a system! — offers many advantages over conventional portable, on-camera flashes. The Pioneer blends location-friendly conveniences with studio-control savvy to give you more lighting flexibility than you may have thought possible from a handheld flash.



## Pioneer Batteries

At the heart of any portable flash system is a dependable battery and the Pioneer offers a choice of two. Both are sealed lead-acid batteries, noted for robust and trouble-free performance and none of the memory limitations that plague alternative types. For added convenience, and no surprises while shooting your job, Pioneer batteries feature a charge level indicator that shows the state of charge at all times. They are also voltage-stabilised to  $\pm 1\%$  with overcharge protection.

### SI 2.5Ah Battery

The smaller of the two batteries, the SI is by far the most popular. It weighs in at 2kg (4.4 lbs.) and delivers 210 shots per charge at full power with an impressive recycle time of 2.9 seconds. BW1220



### SII 5.0Ah Battery

For those big, high-volume jobs, the SII delivers up to 430 flashes at full power and recycles in just 1.9 seconds. It's the ideal battery when the maximum number of shots per charge is needed. BW1224



## Pioneer Flash Head

A portable flash doesn't need to be strictly utilitarian. It can have some panache and style, and this system has a smartly designed head to lead the way. Pioneer's portable head is first and foremost practical for all flash purposes. With its ability to rotate 270° and tilt 45°, it can be used directly or bounced just as easily. Its ability to go bare-bulb or accept a range of interchangeable reflectors gives this head its multi-lighting personality. For safety and comfort, it features a secure hand strap and a sure-grip soft housing. The threaded base facilitates fixing the unit to a camera bracket, light stand or tripod for creative off-camera shots. BWI200

### Pioneer S-70 Head

Stored Energy	300w/s
Guide Number (m at ISO 100)	70
Flash Duration	1/800 sec
Power Range	Full to 1/4
Ready Light Indication	Yes
Audible Recharge Confirmation	Yes



## Pioneer Flash Kits

### Pioneer S1 Flash Kit

- Pioneer flash head with coiled 3m (10') power cable
- S1 2.5Ah battery pack with shoulder strap
- SLA500m battery charger (U.K. or European)
- Short sync lead
- 65° stippled reflector
- Camera bracket
- Hard, moulded kit case
- Instruction booklet

BWI205

### Pioneer S11 Flash Kit

- Pioneer flash head with 3m (10') coiled power cable
- S11 5.0Ah battery pack with shoulder strap
- SLA1.5m battery charger (110/230V global charger)
- Short sync lead
- 65° stippled reflector
- Camera bracket
- Umbrella/Light Stand Attachment Bracket
- Protective cover for flash tube
- Instruction booklet

BWI210



## Pioneer Reflectors

One of the most unique aspects of the Pioneer system is its diverse choice of different reflectors. There's a 50° standard reflector; a 65° stippled reflector and a refined narrow-angle reflector that generates the maximum level of light — an astonishing f/32 at 3m @ ISO 100. For precise lighting applications, there is also a combination snoot and honeycomb that provides more precision control. And, there's the bare-bulb option, always a popular choice for wedding photographers.

50° Reflector BWI250

65° Reflector BWI252

Narrow-Angle Reflector BWI253

Snoot & Honeycomb BWI254

## Accessories

These additional accessories bring more precision light control and more creative options for the Pioneer system.

Barn Door Set BWI926

Accessory Holder BWI268

Prismatic Diffuser BWI275

Honeycomb Grids BWI270

### Soft Box 30

These days, few photographers work without the diffused controllability of a soft box. The Pioneer Micro Soft Box 30 is quick to assemble and provides a soft, flattering light for any portrait situation. Front dimension is 30cm (11 3/4") square. BWI265

### Umbrella/Light Stand Attachment Adapter

This multifaceted accessory was designed to mount the Pioneer system onto a light stand and use it with an umbrella. This adapter aligns the head and umbrella in the correct position and allows them to be tilted and swivelled as required. It also allows the Pioneer system to be operated remotely from the camera. BWI267

### Car Charger

Plugs into the car cigar lighter for charging on the move. BWI245

### Belt Attachment for S1 Battery

BWI261

### SLA 1.5m 110/230V Global Charger

The fastest charger that can be used anywhere in the world. BWI230/A

SLA800m 230V Charger BWI230/B

SLA500m 230V Charger BWI230/C

	Stored Energy	Recycle Time to Full Power	Minimum Recycle Time	Full-power Shots per Charge	Car Charger Charge Time	Weight	Battery Charge Time	
							S1	S11
Pioneer S1	2.5 Ampere-hours	2.9 sec.	1.9 sec.	210	1.5 hrs.	2kg (4.4 lbs.)	SLA1.5m: 1.7 hrs.	3.4 hrs.
Pioneer S11	5.0 Ampere-hours	1.9 sec.	0.8 sec.	430	3.0 hrs.	3.5kg (7.7 lbs.)	SLA800m: 3.2 hrs.	6.4 hrs.
							SLA500m: 6.25 hrs.	12.5 hrs.

# Compact Flash

