

 /bowenstv  
 /bowensflash  
 /litebookmag

**50**  
**YEARS**  
1963 - 2013

**BOWENS**  
the power behind the picture

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**50**  
**YEARS**  
1963 - 2013

issue four



imaging**freedom**

BC300/4

**BOWENS**  
the power behind the picture



Photo by Wayne Johns • www.waynejohns.com

## monolights

- **Gemini evolution...**  
The worlds best-selling monolight just got better.
- **Gemini Rx**  
Entry-level lighting at 200 & 400Ws with built-in Pulsar Radio triggering receiver.
- **Gemini Classic**  
The original 500Ws Gemini 'Classic' monolight, radio-enabled for our Pulsar Trigger System.
- **Gemini R**  
The best-selling, award-winning digital precision, radio enabled 500Ws Gemini 'R' monolight.
- **Gemini Pro**  
Faster, more powerful and multi-voltage - the true go-anywhere Gemini Pro range.
- **Gemini Kits**  
The smart way to get into the Gemini system - save money with the extra-value Gemini kits.
- **Travelpak**  
The award-winning Travelpak - redesigned and improved with detachable Batterypak.



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## power packs

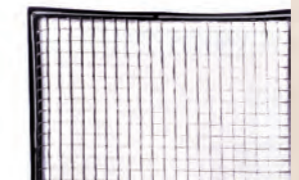
- Creo 1200Ws & 2400Ws studio generator
- QUAD 2400Ws studio generator
- Explorer 1500Ws battery generator
- Flash heads & Ringflash Pro



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## softboxes

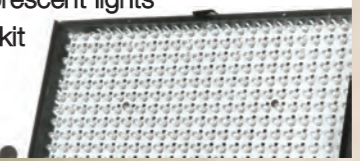
- Bowens Lumiair professional softboxes
- Lighttools Soft Egg Crates
- Octo Softboxes



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## continuous light

- Mosaic LED panels
- Studiolite DMX light banks
- Streamlite fluorescent lights
- Webshooters kit



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## light shaping

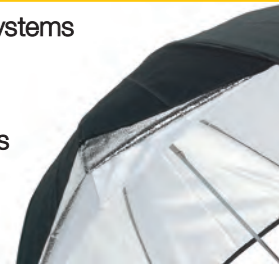
- Portrait reflectors
- Effects reflectors
- Reflector kits
- Special effects



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## lighting support

- Remote triggering systems
- Lighting stands
- Lighting Booms
- Background systems
- Reflect & bounce



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## ceiling rail system

- Building the system
- Rails & brackets
- Carriages
- Pantographs
- Accessories



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Photo by Chris Reeve • [www.chrisreevephotography.com](http://www.chrisreevephotography.com)

# monolights

50 light years of flash innovation...

Bowens have been at the leading edge of studio and location lighting for 50 years, developing the world's first monolight and a wide-range of flash lighting and light shaping accessories.

Gemini is the latest in a long line of monolight design. Improved and refined, the range offers four distinct classes designed to suit every type of photographer from aspiring amateurs through to demanding commercial photographers and everyone in-between.

# gemini monolights



## Gemini Rx (page 8)

For small studios, location photographers or those just on a tight budget, the entry-level Gemini 200Rx & 400Rx models are the perfect lighting solution.

Small and lightweight yet tough and durable, with built-in Pulsar radio receivers and the ability to be powered from AC mains or the optional Bowens Travepak battery.

With five stops of power control and multiple modelling options, it's a great way to get into the Bowens lighting system.

## Gemini 500 Classic (Page 10)

For more control step up to the 'Classic' range.

The 500Ws Gemini Classic features two dials to adjust the flash power and modelling power.

The Gemini Classic also features the ability to take a plug-in module (see page 21) to make it compatible with Bowens Pulsar radio triggers.

## Gemini 500R (page 12)

For more precise power-control choose the Gemini 'R' range.

The award-winning 500Ws R type Gemini features twin dials to adjust the power in exact stops or tenths of stops and functions can also be controlled with the optional remote control.

The Gemini R units easily become 'radio-enabled' via an optional plug-in Pulsar receiver module.

## Gemini Pro (page 14)

For greater power and faster flash-durations the 'Pro' range is for you.

Flash-durations as quick as 1/2900sec capture split-second action, ideal for fashion photographers and with faster recycling you won't be waiting for your lighting to catch-up.

With power from 500Ws-1500Ws the Pro range delivers as much light as you need and with its multi-voltage technology is able to run from 90V - 250V. It's a winner worldwide!

# R & Pro advanced features

## Smart-Photocell

The smart photocell on Gemini R & Pro units allows photographers to set the cell to ignore pre-exposure flashes from their on-camera flash. The cell can be set to activate on the first, second, third or fourth flash detected.

The system can also "learn" the pre-exposure sequence to ensure perfect flash synchronisation.

## Advanced Modelling

As well as Full, Proportional, Off or User Defined, Gemini R & Gemini Pro units incorporate soft-start lamp control for extended life.

The 'Lamp-saver' feature dims the modelling lamp to half power if no activity is detected for 30 mins. Users can set Lamp-saver to activate from 1 to 99 minutes.

Modelling can also be set to either extinguish fully while recycling or gently pulse as a visual indication when the flash is ready to go again, in addition to or instead of the ready beep.

## Auto-Flash Dump

Automatic flash-dump is a standard feature of the Gemini R & Pro models.

The intelligent power-management system monitors the difference between the previous and new power level to decide whether to flash-dump or simply resistive reduce the power to the desired level.

This system also ensures that there is no power stored in the capacitors when the unit is switched off.

## Display options

The digital display on the side of Gemini R and Pro units indicates the power level set as well as other information in advanced set-up mode.

The display can easily be inverted so that if you are using the Gemini on a ceiling rail system, such as the Hi-Glide system, the information is always the right way up.

## Remote Control

Control the Gemini R & Pro models remotely with the compact Infrared remote control unit. (Page 21)

# the complete flash system

**PRO MODELS**

- 500Ws - 1500Ws models
- Fast flash-durations
- Quick recycling
- Stop & tenth control
- Radio enabled
- IR Remote control
- Fan-cooled
- Multi-voltage

**500R**

- 250Ws & 500Ws models
- Stop & tenth control
- Radio enabled
- IR Remote control

**500C**

- 250Ws & 500Ws models
- Radio enabled
- 3 modelling modes

**Rx MODELS**

- 200Ws & 400Ws models
- Easy proportional control
- 3 modelling modes
- Pulsar Built-in

Travepak Battery System  
Large Small

gemini rx



*the low-cost light with high-end features...*

With BOWENS entry-level lighting there is no compromise on quality or features.

The ultra-compact Gemini 200Rx and 400Rx models feature the same solid, dependable, tough metal construction build of other Gemini units. The smaller size of these tough units combined with built-in Pulsar radio trigger receivers make them perfect for location or event photography.

Performance has not been compromised either with both models offering impressive

flash-durations and recycle times & control over 5 stops of power using a single simple yet accurate dial which also controls the proportional modelling lamp – simply press a switch for modelling at 100% or off. No complicated digital menu systems – ‘simplicity’ is key, the Gemini really is plug-and-go.

And when you want to go, Gemini is the only truly portable studio flash system, power from mains power or the Travelpak battery delivering up to 750 flashes per charge.

Gemini Rx - Key Features

- Built-in Pulsar radio receiver.
- Simple to use intuitive controls.
- Five stops of power control.
- Lightweight & compact.
- Travelpak Battery compatible.
- Improved ergonomic design.
- Auto Power-save mode.
- Robust Metal Construction.
- Proportional modelling control.
- Recessed switches & sockets.
- Fast Flash-Durations.
- DSLR friendly Low Sync Voltage.

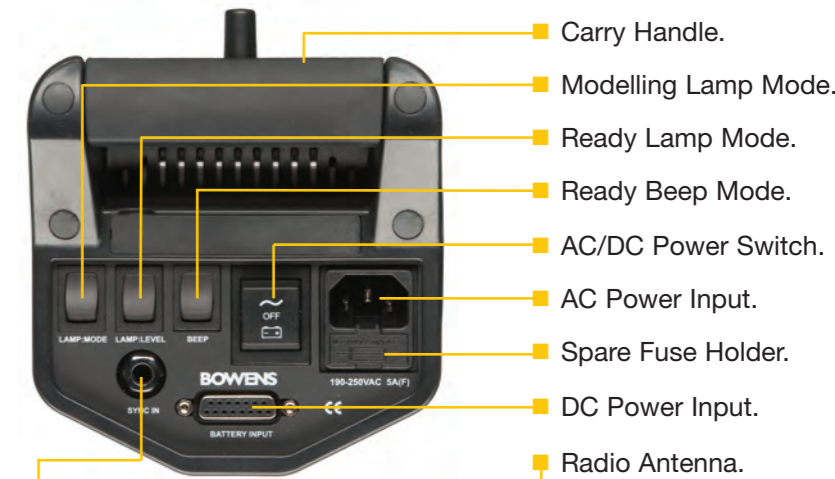
\* Also available as BW3660 Gemini 200 & BW3670 Gemini 400 without built-in radio trigger.

gemini rx specifications

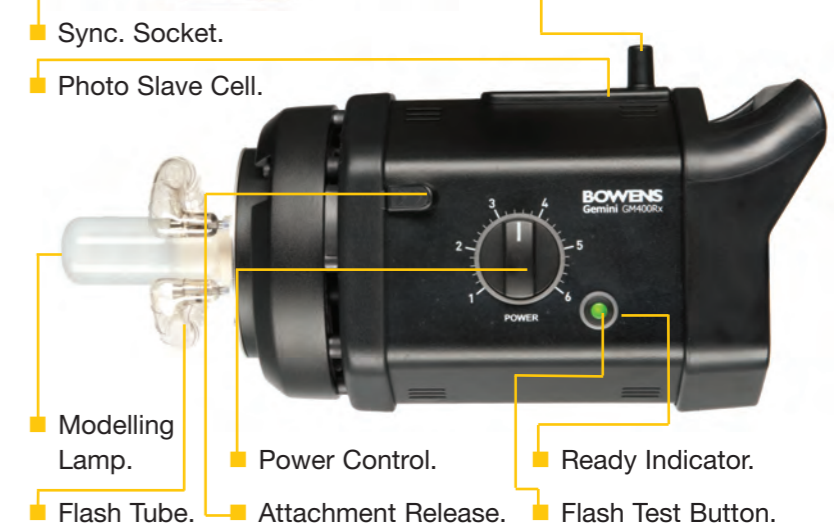


Specifications	Gemini 200Rx	Gemini 400Rx
Max Power	200Ws	400Ws
Guide Number	60	76
Power Range	5 stops (6Ws - 200Ws)	5 stops (12Ws - 400Ws)
Recycle Time (Full)	0.7 secs	1.2 secs
Flash Duration (t0.5)	1/1450	1/1000
Sync Voltage	5V	5V
Colour Temperature	5600K ±300	5600K ±300
Ready Light	Yes	Yes
Auto Dump	Yes	Yes
Lamp Saver	Yes	Yes
Slave Cell	Yes	Yes
Modelling Lamp (230V)	BW1024 (BW1024/B 117V)	BW1024 (BW1024/B 117V)
Flash Tube	BW2030 (Clr) BW2032 (UV)	BW2030 (Clr) BW2032 (UV)
Battery Compatible	Yes	Yes
Width	150mm [5 7/8"]	150mm [5 7/8"]
Length	320mm [12 1/2"]	320mm [12 1/2"]
Height	150mm [5 7/8"]	150mm [5 7/8"]
Weight	2.5kg [5.5lbs]	2.7kg [5.9lbs]
<b>230V Part No.:</b>	<b>BW3970UK</b>	<b>BW3980UK</b>
<b>117V Part No.:</b>	<b>BW3975US</b>	<b>BW3985US</b>

The Controls



- Carry Handle.
- Modelling Lamp Mode.
- Ready Lamp Mode.
- Ready Beep Mode.
- AC/DC Power Switch.
- AC Power Input.
- Spare Fuse Holder.
- DC Power Input.
- Radio Antenna.



- Sync. Socket.
- Photo Slave Cell.
- Modelling Lamp.
- Flash Tube.
- Power Control.
- Attachment Release.
- Ready Indicator.
- Flash Test Button.

# gemini 500 classic



*the industry-standard workhorse monolight...*

Get unwired with the Gemini Classic, Bowens mid-range lighting, for even more freedom.

The Gemini Classic 500C features the ability to easily integrate with the Bowens Pulsar radio trigger system by simply plugging in a small radio trigger card.

This 'Classic' unit benefits from a fine degree of modelling control via the separate 'lamp' dial. Simply set the 250W modelling lamp to any level you require to indicate light and shadow behaviour at various levels of power

or use the '100%', 'proportional' and 'off' options.

The Gemini Classic is able to be powered from mains AC power or the optional Travelpak battery system delivering up to 600 flashes per charge out on location (see battery performance table on page 19).

The classic Bowens monolight is so simple to use it's easy to see why it is the favoured lighting in photographic schools and colleges world-wide.

## Gemini 500 Classic - Key Features

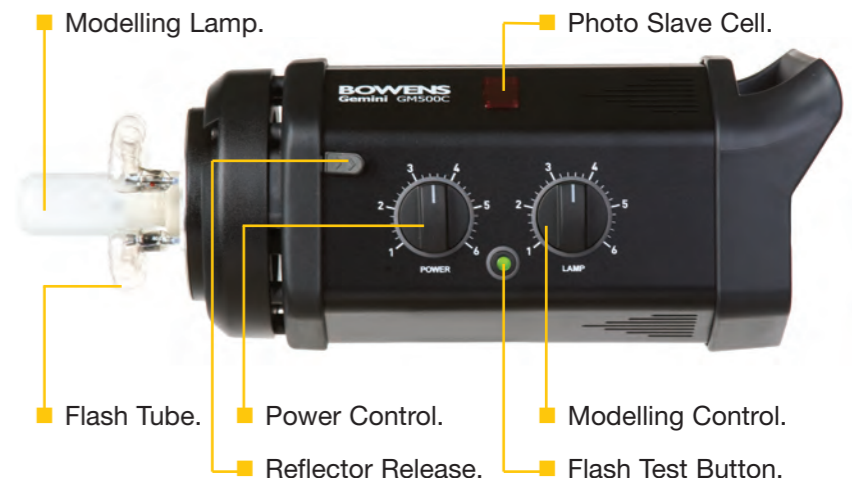
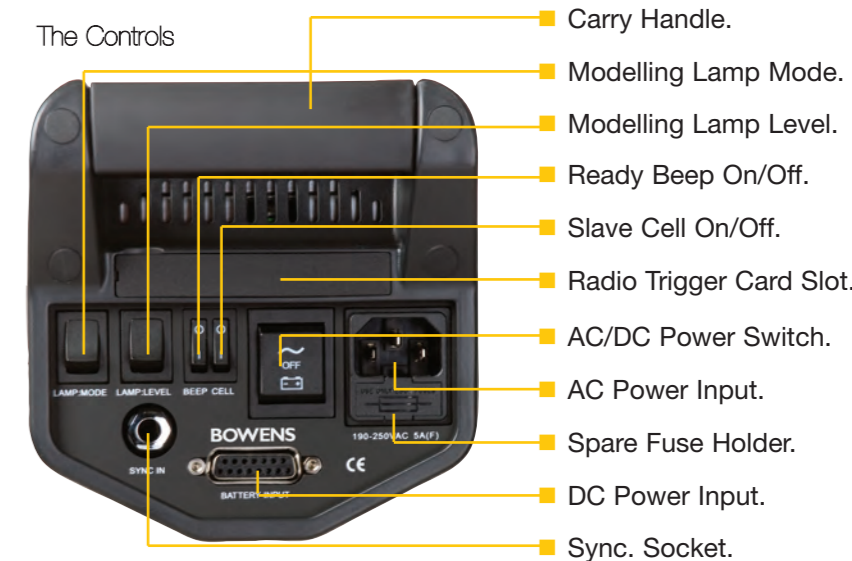
- Simple to use intuitive controls.
- Five stops of power control.
- Radio-enabled.
- Travelpak Battery compatible.
- Robust Metal Construction.
- Separate modelling control.
- Auto Power-save mode.
- DSLR friendly Low Sync Voltage.

## Accessories:

The Gemini Classic monolight is compatible with the wide range of over 40 Bowens light shaping tools, attachments, reflectors and softboxes. (See page 36-57 for more information)

# gemini classic specifications

Model:	GM500c
Max Power:	500Ws
Power Accuracy:	Stepless
Power Range:	5 Stops (15Ws - 500Ws)
Power Control:	Rotary Dial
Modelling Control:	Rotary Dial
Digital Display:	No
Ready Indication:	Illuminated Test Button
Plug-in Radio Trigger Option:	Yes
Multi-voltage:	No
Auto Dump:	Yes
IR Remote Control:	No
Flash Tube:	BW2030 (Clear). BW2032 (UV).
Fan Cooled:	No
Modelling Lamp: (230V)	BW1024 (BW1024/B 117V)
Guide No. (m/100 ISO)	85
Recycle to full Power: (230V)	1.5 Secs
Flash Duration:	1/900
Colour Temperature:	5600K ±300K
Flash Inhibit:	Yes
Sync Voltage:	5V DC
Operating Voltage:	230V AV 50Hz or 117V AC 60Hz
Travelpak compatible:	Yes
Voltage Stabilisation:	±1%
Ready Light Indication:	Yes
Audible Ready Sound	Yes
Width:	170mm [6 7/8"]
Length:	365mm [14 1/2"]
Height:	130mm [5 1/8"]
Weight:	3.4kg [7.5lbs]
<b>230V Part No.:</b>	<b>BW3911</b>
<b>117V Part No.:</b>	<b>BW3913</b>



gemini r



*the award-winning bestseller...*

The award-winning Bowens Gemini R digital monolights are a step-up from the Gemini Classic for photographers who demand a greater, more precise, degree of lighting control.

The Gemini 500R retains the unique ability to be powered from AC mains in the studio or the award-winning Travelpak battery unit out on location as well as a range of advanced features designed to offer photographers not only ultimate freedom but unmatched power, durability and control too.

**Take Control.**

Why should precise control be complicated? Simplicity is the key with Gemini. Digitally accurate control is easy without a confusing digital menu! Turn one dial for stops and the other for tenths to instantly set five stops of power with precision control, the LED display confirms the power output.

Modelling control is also made simple with one switch, choose from full, proportional or off or even set the modelling lamp to any level you desire.

**Freedom is your choice**

These days unreliable sync cords are a distant memory for most photographers. Now you can also forget bulky radio receivers attached to your lights too! Thanks to the unique radio-card facility on the Gemini R.

By simply plugging a radio trigger card into the slot on the back, Gemini lights instantly become compatible with the Pulsar radio trigger system.

Because the radio trigger card becomes an integral part of the unit it is much more reliable than an external receiver which can only be as good as it's cord connection.

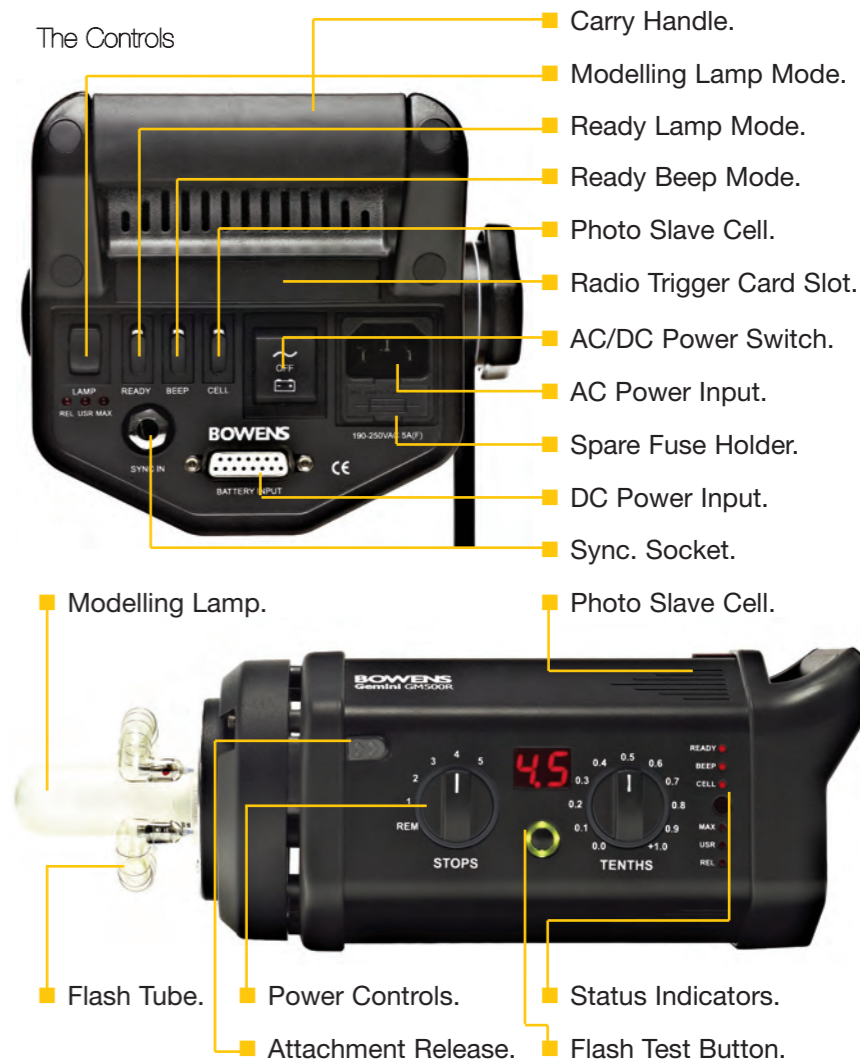
**Remote Control.**

Gemini R monolights can be controlled remotely with the Gemini IR remote handset [BW3960] which can adjust all features from up to 7m (22') away.

See page 16 for money-saving kit options.

## gemini r specifications

Model:	GM500r
Max Power:	500Ws
Power Accuracy:	1/10
Power Range:	5 Stops (15Ws - 500Ws)
Power Control:	Stop & Tenth Dials + Remote
Modelling Control:	Select Switch
Digital Display:	Yes
Ready Indication:	Illuminated Test Button
Plug-in Radio Trigger Option:	Yes
Multi-voltage:	No
Auto Dump:	Yes
IR Remote Control:	Yes
Flash Tube:	BW2030 (Clear). BW2032 (UV).
Fan Cooled:	No
Modelling Lamp: (230V)	BW1024 (BW1024/B 117V)
Guide No. (m/100 ISO)	85
Recycle to full Power: (230V)	1.3 Secs
Flash Duration:	1/900
Colour Temperature:	5600K ±300K
Flash Inhibit:	Yes
Sync Voltage:	5V DC
Operating Voltage:	230V AV 50Hz or 117V AC 60Hz
Travelpak compatible:	Yes
Voltage Stabilisation:	±0.5%
Ready Light Indication:	Yes
Audible Ready Sound	Yes
Width:	170mm [6 3/4"]
Length:	365mm [14 1/4"]
Height:	130mm [5 1/8"]
Weight:	3.4kg [7.5lbs]
<b>230V Part No.:</b>	<b>BW3910</b>
<b>117V Part No.:</b>	<b>BW3915</b>



# gemini pro



**The Gemini Pro range delivers more power and faster flash-durations making it the perfect portable flash system for fashion or commercial photographers.**

Available in four sizes from 500Ws to 1500Ws the Gemini Pro monolights feature all of the benefits of the Gemini R units but also offer flash-durations as fast as 1/2900 sec and a voltage seeking power system which makes them useable just about anywhere in the world.

### Capture split-second action

If you need to capture action, then the Pro range is for you, the 500Pro has an amazingly short flash-duration of 1/2900 sec! Compare this to 1/900 sec on the Gemini 500R and the decision is easy for fashion photographers.

The three electrode, flash tube is the reason for the action freezing flash times on the Gemini Pro monolights - the fastest Bowens monolights ever! The flash tube is easily user replaceable too - so, no expensive service center fees if it needs replacing.

### The true go-anywhere system

The Travelpak battery unit means that Gemini Pro lights can 'go anywhere' out on location. But what about when you are in the studio in another country?

With the Pro range, the Gemini becomes a true go anywhere system. Advanced circuitry within the unit is able to seek the correct voltage to operate on meaning that you can take a Gemini Pro monolight anywhere in the world, safe in the knowledge that it will work wherever you go - inside or out.

### More time to create

In photography everyone knows that time is money. That is why the Gemini Pro range of monolights boast recycling times to full power faster than ever before.

Now you can spend less time waiting for your lights to power up and more time creating amazing images.

### Staying cool.

High power and rapid recycling equals heat. The Gemini Pro fan automatically starts, when needed, to prevent overheating.

# gemini pro range specifications

Model:	GM500pro	GM750pro	GM1000pro	GM1500pro
Max Power:	500Ws	750Ws	1000Ws	1500Ws
Power Accuracy:	1/10	1/10	1/10	1/10
Power Range:	5 Stops (15Ws - 500Ws)	5 Stops (23Ws - 750Ws)	7 Stops (7Ws - 1000Ws)	7 Stops (11Ws - 1500Ws)
Power Control:	Stop & Tenth Dials + Remote	Stop & Tenth Dials + Remote	Stop & Tenth Dials + Remote	Stop & Tenth Dials + Remote
Modelling Control:	Select Switch	Select Switch	Select Switch	Select Switch
Digital Display:	Yes	Yes	Yes	Yes
Ready Indication:	Illuminated Test Button	Illuminated Test Button	Illuminated Test Button	Illuminated Test Button
Plug-in Radio Trigger Option:	Yes	Yes	Yes	Yes
Multi-voltage:	Yes	Yes	Yes	Yes
Auto Dump:	Yes	Yes	Yes	Yes
IR Remote Control:	Yes	Yes	Yes	Yes
Flash Tube	BW2980 (Clear). BW1079 (UV)	BW2980 (Clear). BW1079 (UV)	BW2980 (Clear). BW1079 (UV)	BW2980 (Clear). BW1079 (UV)
Fan Cooled:	Yes	Yes	Yes	Yes
Modelling Lamp:	BW1024 (230V) BW1024/B (117V)	BW1024 (230V) BW1024/B (117V)	BW2515 (230V). BW2530 (117V)	BW2515 (230V). BW2530 (117V)
Guide No. (m/100 ISO)	85	104	120	160
Recycle to full Power:	1.1 Secs	1.5 Secs	2.0 Secs	2.8 Secs
Flash Duration:	1/2900	1/2300	1/2100	1/1400
Colour Temperature:	5600K ±300K	5600K ±300K	5600K ±300K	5600K ±300K
Flash Inhibit:	Yes	Yes	Yes	Yes
Sync Voltage:	5V DC	5V DC	5V DC	5V DC
Operating Voltage:	90-130/190-250V AC 60/50Hz	90-130/190-250V AC 60/50Hz	90-130/190-250V AC 60/50Hz	90-130/190-250V AC 60/50Hz
Travelpak compatible:	Yes	Yes	Yes	Yes
Voltage Stabilisation:	±0.5%	±0.5%	±0.5%	±0.5%
Ready Light Indication:	Yes	Yes	Yes	Yes
Audible Ready Sound	Yes	Yes	Yes	Yes
Width:	170mm [6¾"]	170mm [6¾"]	170mm [6¾"]	170mm [6¾"]
Length:	396mm [15½"]	396mm [15½"]	450mm [17¾"]	490mm [19¾"]
Height:	130mm [5¼"]	130mm [5¼"]	130mm [5¼"]	130mm [5¼"]
Weight:	3.5kg [7.7lbs]	4.0kg [8.8lbs]	4.5kg [9.9lbs]	5.0kg [11lbs]
<b>Multi-voltage Part No.:</b>	<b>BW3925</b>	<b>BW3935</b>	<b>BW3945</b>	<b>BW3955</b>

**NOTE:** Add UK, EURO or USA to the end of the part number to ensure the correct power cords are included.



# gemini lighting kits



Gemini 200Rx Kit      Gemini 400Rx Kit      Gemini 500C Kit      Gemini 500R (x2) Kit      Gemini 500R (x3) Kit

Model	2 x Gemini 200Rx	2 x Gemini 400Rx	2 x Gemini 500C	2 x Gemini 500r	3 x Gemini 500r
Pulsar Tx Trigger	●	●	●	●	●
Pulsar Rx Receiver Card	Built-in	Built-in	●	●	●
90cm Umbrella	●●	●●	●	●	
115cm Umbrella					●●
60x80cm Softbox			●	●	
100x100cm Softbox					●
Wide-Angle Reflector	●●	●●	●	●	●●
Lighting Support Stand	●●	●●	●●	●●	●●●
Kit Case	Carry Case	Carry Case	Rolling Kit Case	Rolling Kit Case	Rolling Kit Case
Stand Bag					●
Flash Tube	●●	●●	●●	●●	●●●
Modelling Lamp	●●	●●	●●	●●	●●●
Power Cord	●●	●●	●●	●●	●●●
Sync Lead	●	●	●	●	●
230V Part No.:	BW4755TXUK	BW4765TXUK	BW4950UKA	BW4805TXUKA	BW8515TXUKA
117V Part No.:	BW4755TXUS	BW4765TXUS	BW4950USA	BW4805TXUSA	BW8515TXUSA

# Gemini pro

Our 'Pro' lighting kits are designed for photographers looking for exceptional value for money without compromising on quality. Kits include two or three Gemini Pro monolights with lighting support stands. To control the light we include a Softbox and a silver/white Umbrella, with wide-angle umbrella reflectors. The umbrellas are perfect for portraiture and many still-life applications - the black cover can be removed allowing you to fire the light through the umbrella like a softbox. These kits now include a Pulsar Tx Radio Trigger and a Pulsar Rx Radio Receiver Card to wirelessly sync your camera to your lights. Everything is packed into a rolling case, with a separate bag for your stands for easy transportation.



Gemini 500pro (x2) Kit      Gemini 750pro (x2) Kit      Gemini 1000pro Kit      Gemini 500pro (x3) Kit      Gemini 750pro (x3) Kit

Model	2 x Gemini 500pro	2 x Gemini 750pro	2 x Gemini 1000pro	3 x Gemini 500pro	3 x Gemini 750pro
Pulsar Tx Trigger	●	●	●	●	●
Pulsar Rx Receiver Card	●	●	●	●	●
90cm Umbrella	●	●			
115cm Umbrella			●	●●	●●
60x80cm Softbox	●	●			
100x100cm Softbox			●	●	●
Wide-Angle Reflector	●	●	●	●●	●●
Lighting Support Stand	●●	●●	●●	●●●	●●●
Rolling Kit Case	●	●	●	●	●
Stand Bag	●	●	●	●	●
Flash Tube	●●	●●	●●	●●●	●●●
Modelling Lamp	●●	●●	●●	●●●	●●●
Power Cord	●●	●●	●●	●●●	●●●
Sync Lead	●	●	●	●	●
230V Part No.:	BW8610TXUK	BW8710TXUK	BW8805TXUK	BW8620TXUK	BW8720TXUK
117V Part No.:	BW8610TXUS	BW8710TXUS	BW8805TXUS	BW8620TXUS	BW8720TXUS

# travelpak battery system

The Control Panel



18 - Portable monolights | Travelpak Battery System

The multi award-winning, original and unrivalled Travelpak means Gemini studio quality light is available anytime, anywhere.

The Travelpak makes working on long location shoots easy thanks to the handy hot-swap battery feature.

Now if a battery starts to fade on a lengthy assignment photographers can simply unclip the control panel unit from the depleted battery and clip on a fully-charged battery - no more waiting to charge up the whole unit.

The Travelpak system has two sizes of battery - allowing photographers to choose the power and size to suit their specific needs.

Able to support up to two Bowens Gemini monolights, the Travelpak can provide power up to a massive 3000Ws, recycle to full power at speeds up to 2 seconds\* and offers up to 750 shots on a single charge\*.

**Order Codes:** (inc Cables, Charger & Carry Bag)  
**BW7697** Small Travelpak  
**BW7698** Large Travelpak

## Travelpak - Key Features

- Simple & lightweight location power.
- Unique easy battery swapping.
- Standard & extended battery options.
- Power up to two Gemini monolights.
- Fast & Slow recycling option.
- Batteries can be charged independently.
- Recessed switches & sockets.
- Robust all-metal panel construction.
- Easy to read battery level indicator.
- Convenient quick-clip shoulder strap.
- Recharge from mains or car-charger.

## Travelpak Specifications:

### Small Travelpak:

Width:	170mm	[6 3/4"]
Depth:	140mm	[5 1/2"]
Height:	205mm	[8 1/4"]
Weight:	5.0kg	[11.8lbs]

### Large Travelpak:

Width:	170mm	[6 3/4"]
Depth:	140mm	[5 1/2"]
Height:	240mm	[9 1/2"]
Weight:	6.4kg	[13.8lbs]

Battery Performance: Typical Flashes (Recycle Time)



## Small Battery Technical Data:

Ws	1 Head	2 Heads
200	375 (2 sec)	185 (4 sec)
250	300 (2.5 sec)	150 (5 sec)
400	185 (4 sec)	95 (8 sec)
500	150 (5 sec)	75 (10 sec)
750	110 (7.5 sec)	55 (15 sec)
1000	75 (10 sec)	38 (20 sec)
1500	50 (15 sec)	25 (30 sec)

Recharge time: 6 hrs

## Large Battery Technical Data:

Ws	1 Head	2 Heads
200	750 (2 sec)	375 (4 sec)
250	600 (2.5 sec)	300 (5 sec)
400	370 (4 sec)	185 (8 sec)
500	300 (5 sec)	150 (10 sec)
750	220 (7.5 sec)	110 (15 sec)
1000	150 (10 sec)	75 (20 sec)
1500	100 (15 sec)	50 (30 sec)

Recharge time: 8 hrs

Accessories:

Universal Mains Charger.



**BW1227** Universal Mains Charger

Travelpak - Gemini Cable.



**BW7632** 3m Travelpak - Gemini Cable  
**BW7632E** 8m Travelpak - Gemini Cable

Spare / Replacement Travelpak Battery.



**BW7690** Small Battery  
**BW7691** Large Battery

Car Charger.



**BW1245** Car Charger

Travelpak Carry Bag.



**BW7678** Small Travelpak Bag  
**BW7679** Large Travelpak Bag

Travelpak (without bag).



**BW7693** Small Travelpak  
**BW7694** Large Travelpak

19 - Portable monolights | Travelpak Battery System

# Pulsar radio trigger system



Specifications:  
 Length - 90mm [3½"]  
 Width - 49mm [2"]  
 Height - 44mm [1¾"]  
 Weight - 122g [4.3oz]

## Pulsar (Transceiver)

**Whether you are triggering flash heads for complicated lighting setups or cameras for remote control nature shots or special effects, this system is for you.**

Each Pulsar unit can be either a transmitter or receiver and is capable of sending or receiving signals beyond 100m [333'].

Unlike Infrared triggering systems, the radio-transmitted Pulsar operates around corners and through walls.

The Pulsar has four separate channels, enabling you to isolate up to four light sources or to combine them and fire all of them at once without leaving the camera.

The Pulsar also has a studio selector switch, providing isolation from other units using the same channel, allowing up to six systems to operate independently in the same space.

**BW5160** - Pulsar Twin Pack  
**BW5150** - Pulsar Single Unit



Specifications:  
 Length: 55mm [2¼"]  
 Width: 40mm [1½"]  
 Height: 40mm [1½"]  
 Weight: 34g [1.2oz]

## Pulsar Tx Unit (Transmitter)

This ultra-compact transmitter with its camera-hugging low profile ensures you can shoot comfortably without your camera becoming unbalanced by unwieldy attachments.

The Pulsar Tx features a unique 'click-lock' system for attaching the unit to your camera hotshoe securely without the need for tightening via a thumbscrew. The 'click-lock' holds the trigger firmly in place whether the camera is being used in landscape or portrait position.

Weighing in at just 34g, it is powered by a single CR2032 battery, and the power management system ensures long battery life.

Functionality couldn't be easier! The Tx is controlled by two simple push buttons allowing full control over the 24 radio zones. Channel and studio selections are indicated by a row of LED's.

**BW3965** Pulsar Tx Unit.  
**BW3967** Pulsar Tx Unit with Rx Card.



Integrated radio triggering. Easy as one... two... three...

**ONE.** Insert trigger card. **TWO.** Attach antenna.



free...! from sync cords.



## Pulsar Rx Card Set (Receiver)

Gemini Classic, R & Pro monolights can become compatible with the Pulsar system by using this unique upgrade pack.

Simply insert the Radio Trigger Card into the slot on the back of the Gemini unit then fit the antenna into the socket on the side and your monolight is ready to receive signals from a Pulsar unit mounted onto your camera.

Never be let down by unreliable sync cords or connections again.

**BW5170** Rx Card & Antenna Set.  
**BW3967** Rx Card Set with Pulsar Tx Unit.



## Pulsar Tx/Rx Set (Trigger Unit & Receiver Card)

Gemini Classic, R & Pro monolights can become compatible with the Pulsar system by using this unique upgrade pack. Simply insert the Radio Trigger Card into the slot on the back of the Gemini unit then fit the antenna into the socket on the side and your monolight is ready to receive signals from a Pulsar unit mounted onto your camera.

Never be let down by unreliable sync cords or connections again.

**BW5170** Rx Card & Antenna Set.  
**BW3967** Rx Card Set with Pulsar Tx Unit.



Specifications:  
 Length: 95mm [3¾"]  
 Width: 45mm [1¾"]  
 Height: 10mm [¾"]  
 Weight: 34g [1.2oz]

## Gemini R & Pro Remote Control

The pocket-sized Gemini Remote Control makes working with Gemini 'R' and 'Pro' monolights (or our Jetstream Wind machines) a breeze.

Weighing in at just 34g this diminutive device allows photographers precise control of features such as power, test flash, modelling, sounder, photocell and channel setting without ever leaving the camera position - up to seven meters (22') away.

**BW3960** Gemini R & Pro Remote Control.



Photo & cover image by Christian Hough • [www.christianhough.com](http://www.christianhough.com)

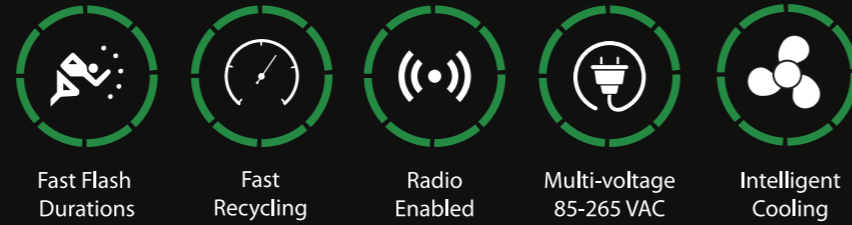
# power packs & generators

The latest generation of power-pack flash from Bowens set new standards for studio lighting in today's digital world.

With precision controls and consistent light output, Bowens generators are perfect for today's professional photographer creating images with digital or film.



creative freedom,  
without compromise...



**Creo Key Features.**

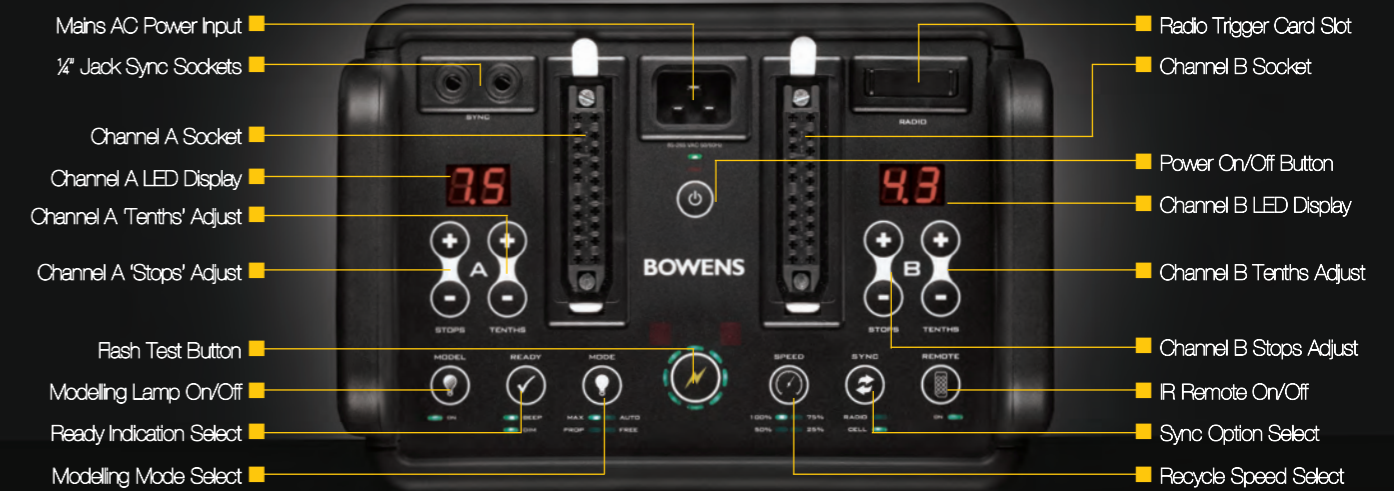
- Ultra-fast recycling times. Just 0.5 seconds at full power. (Creo 1200)
- As many as 8 flashes per second.
- Flash durations as quick as 1/7700s.
- 9 Stop power range. (8 Stops Creo 1200)
- Super high colour stability ±80K from 4.0 – 10.0.
- Energy stability ±1/50 f/stop flash-to-flash.
- Radio-enabled for wire-free sync with Bowens Pulsar Radio Trigger.
- Self-seeking multi-voltage for world-wide compatibility.
- Compatible with QUAD system flash heads and Bowens 'S'-Type Accessories.

**The Control Panel**

The intuitive digital control panel of the Creo professional power packs makes precision control fast and simple. Power to each of the two channels can be quickly adjusted in stops or tenths of stops at the touch of a button.

Other features such as Modelling control, Ready indication and Recharge speed can be easily set with LEDs clearly showing their status.

Syncing with the Creo can be achieved via the built-in photo-cell or integrated Pulsar Radio Trigger Socket.



- Mains AC Power Input
- 1/4" Jack Sync Sockets
- Channel A Socket
- Channel A LED Display
- Channel A 'Tenths' Adjust
- Channel A 'Stops' Adjust
- Flash Test Button
- Modelling Lamp On/Off
- Ready Indication Select
- Modelling Mode Select
- Radio Trigger Card Slot
- Channel B Socket
- Power On/Off Button
- Channel B LED Display
- Channel B 'Tenths' Adjust
- Channel B Stops Adjust
- R Remote On/Off
- Sync Option Select
- Recycle Speed Select

**In Sync.**

The integrated Radio Trigger Card slot allows you to plug in a Pulsar Radio Rx Card (See page 23) delivering wireless freedom.

The Creo also features two surface mounted Photocells to sync the pack perfectly with any remote flash.

For the traditionalist the Creo pack has two 1/4" jack sync sockets for connecting a sync cord to your camera.

**Cool Under Pressure.**

Creo packs are equipped with an advanced cooling and protection system designed to prevent heat build-up and ensure that the pack is always operating at optimum performance. Multiple fans automatically switch to increase airflow through the pack when required and the charge limiter monitors system conditions and will automatically adjust the charge rate if necessary to protect the pack as indicated with the speed LEDs.

**Specifications**

	Creo 1200	Creo 2400
Stored Energy	1200Ws	2400Ws
Flash Head Outlets	2	2
Power Range (per channel)	4.5-1200Ws (8 Stops) 1 Head 2.5-600Ws (8 Stops) 2 Heads	4-2400Ws (9 Stops) 1 Head 2-1200Ws (9 Stops) 2 Heads
Recycle Time	0.56 Seconds	0.9 Seconds
Flash duration	1/7700 (min) - 1/2400 (max)	1/7700 (min) - 1/1500 (max)
Power Adjustment	1/10 stop	1/10 stop
Colour Temperature	5600K ±175K	5600K ±180K
Sync Voltage	5V	5V
Dimensions (HxWxD)	36 x 29.7 x 20.5cm	44.2 x 29.7 x 20.5cm
Weight	12kg	15.35kg
<b>Order code:</b>	<b>BW9005</b>	<b>BW9000</b>

**NOTE:** Add UK, EURO, USA or AUS to the end of the part number to ensure the correct power cords are included.

**Ultimate Creative Power.**  
Creo from Bowens is the pinnacle of performance, reliability, robustness and value. These professional power packs come in 1200Ws and 2400Ws models, both boasting specifications that, until now, could only be found on the most expensive generators. The precision performance of the Creo, including flash durations as quick as 1/7700 second and colour stability from flash to flash as stable as ±40k coupled with the legendary build-quality of Bowens means

these packs are perfect for hard-working commercial studios and rental houses alike. Pack power is easily operated with the intuitive control panel, allowing all features to be quickly set at the touch of a button. The packs can also be operated without ever leaving your camera position with the Creo Infra-Red remote control. "Creo" means 'to create' – the ease and speed of operating these professional, feature packed generators allows you to do just that with no complications.



"The wheels on Lorna's skates were frozen so completely that you could see the dust on them while every strand of her hair and even the scratches on her helmet had been registered pin sharp - I'm delighted."

Steve Brown • [www.stevbrownphoto.co.uk](http://www.stevbrownphoto.co.uk)



• See the Luminaire Softbox range on page 46.



**Remote IR Control.**

The advanced features of the Creo Power Packs can be easily controlled at a distance with the Creo IR Remote Control. Lightweight, just 34g, this handy, pocket-sized device allows photographers precise control of features such as power, test flash, modelling, sounder, photocell and channel setting from any position - up to seven meters (22') away.

**BW7770** Creo Remote Control.



**Creo Flash Head.**

Although Creo Power Packs are compatible with QUAD flash heads, the Creo system also features its own Creo Flash Head. Compact and lightweight, the Creo Flash Head is built to the same robust levels as the generator and also features its own cooling and protection system to ensure colour stability from maximum to minimum power. flash to flash.

**BW7760** Creo Flash Head.



**Ringflash Pro.**

Smaller, lighter, and more portable than ever before and packed with plenty of new features it offers photographers a sensibly priced, high-end ringflash unit with unmatched build-quality that can out-perform its more expensive competitors. Capable of super-fast flash durations up to 1/4500 sec; the Ringflash Pro raises the bar in ringflash photography. (See Page 32 for more)

**BW7670** Ringflash Pro (230V).  
**BW7670US** Ringflash Pro (117V).



**Consumables & Spares.**

- Creo Flash Head
- BW3019** Flash Tube (Clear).
- BW2503** 650W Modelling Lamp.
- BW2504** 300W Modelling Lamp.
- BW2981** UV Coated Cover Dome.
- BW2982** Clear Cover Dome.
- BW2983** Frosted Cover Dome.
- Ringflash Pro
- BW7673** Flash Tube.
- BW7671** 20W Modelling Lamp (12V).
- BW7672** 20W Modelling Lamp (24V).

# QUAD 2400 generator



## Specifications:

Stored energy:	2400Ws
Flash head outlets:	2 (in two channels)
Power range:	37 - 2400Ws (6-stops)
Recycle time:	3 sec (fast) 5 sec. (slow)
Flash duration:	1/1400 Sec. (600Ws) 1/300 sec. (2400Ws)
Power adjustment:	1/8 stop
Colour temperature:	5600K (with UV tube)
Sync voltage:	6V
Stabilisation:	±0.1%
Length:	28cm [11"]
Width:	18cm [7"]
Height:	34cm [13½"]
Weight:	9.5 kg [21 lbs]

## Order Codes:

QUAD2400 Pack:

**BW7620EURO** QUAD2400 (Euro).

**BW7620UK** QUAD2400 (UK).

**BW7625US** QUAD2400 (USA).

QUAD2400 Studio Set:

**BW7720UK** QUAD 2400 Set (UK Plug)

**BW7725US** QUAD 2400 Set (US Plug)

**BW7720EU** QUAD 2400 Set (Euro Plug)

*QUAD2400 Sets include one QUAD2400 pack plus two QUADX Flash Heads.*

## Accessories:

**BW7685** QUADX 5m Ext. Cable.

**BW7660UK** QUADX Flash Head

**BW7660** QUADX Flash Head (no lamp)

## Modelling Lamp Control.

In addition to selecting full power modelling or lamps in proportion, the 'Auto' setting will set the modelling lamp of the brightest head to maximum, even when the overall flash power of the pack is set at a low level.

This helps the photographer preview their lighting, even at the lowest of flash powers.

## The Control Panel

The control panel of the QUAD 2400 is designed for quick and easy use. There are two flash-head outlets, each operating on its own independent channel with a maximum power of 1200Ws each.

A master control provides two-stops of power control in one-stop increments, while independent channel variators offer three-stops of power control in 1/8-stop increments to each channel.

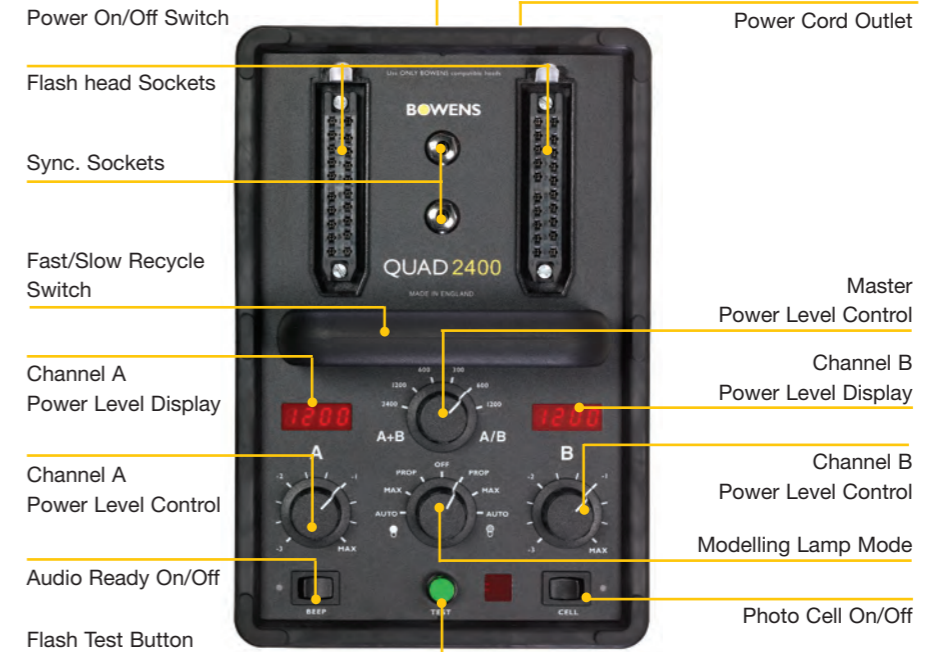
Power levels for each channel are provided in easy-to-read LED numeric displays. A full-power indicator light lets you know when the pack is 100% charged.

## QUAD 2400 Features

The QUAD 2400 offers a host of features that are designed to make the photographers job easier:

### Two Sync. Sockets

Two conveniently located sync. sockets allow you to simultaneously connect your pack to your camera and your light meter without time consuming disconnections and reconnections. These sync sockets can also be used for IR or radio triggers such as the Bowens Pulsar; for wireless triggering.



### Audio Ready Signal

This switchable signal lets you know when your pack is 100% charged even when it is out of visual range.

### Unique Modelling Modes

Intermittent modelling mode extinguishes all modelling lamps when the pack is fired and turns them back on again when the pack is 100% recycled. This provides a visual indication that the pack, and each head, has been successfully triggered and recycled.

### Flash Voltage Stabilisation

To ensure consistently dependable output the QUAD 2400 offers ±1% flash-voltage stabilisation at maximum power.

### Built-in Photo Cell

In order to activate your QUAD 2400 pack from other flash units, a convenient photo cell is built directly into the pack.



## QUADX Flash Head

The fan-cooled QUADX flash head is capable of handling up to 3000Ws and features a 650W modelling lamp for maximum brightness.

The three-electrode, user changeable flash tube is designed to deliver the fastest possible flash duration. A UV-balanced Pyrex dome ensures colour integrity and safety.

When combined with Bowens reflectors and accessories this system offers unmatched lighting versatility.

## QUAD Power Versatility.

With two channels, choose from taking the full 2400Ws from a single socket, or dividing the power across two channels giving a wide selection of powers.

Once the pack is switched to its asymmetrical mode, two channels, each with a maximum power of 1200Ws are available. As each can be adjusted independently of the other a great deal of lighting flexibility can be achieved.

## QUAD Precision Power.

Flash power can be adjusted in accurate steps of 1/8 f-stop, offering excellent control of exposure.

Large LED displays show clearly the Ws output per channel. With a minimum power of just 37Ws the QUAD 2400 has a range of 6 f-stops.

## Colour Consistency Mastered.

The overall power of the pack can be reduced using a system of capacitor switching.

By reducing the number of capacitors being used a greater level of colour consistency can be achieved. In practice this means that the QUAD 2400 can be switched from 2400Ws, to 1200Ws to 600Ws with less than 70K shift in colour temperature.

# Explorer 1500 battery generator



## Specifications:

Stored energy:	1500Ws
Flash Head Outlets:	2
Power Range:	31Ws - 1500Ws
Recycle Time:	0.5 - 3.8 secs (auto) 0.6 - 9.0 secs (slow)
Flash Duration:	
Max:	1/5700 sec.
Min:	1/2130 sec.
Power Adjustment:	1/3 Stop increments.
Colour Temperature:	5600K (with UV Tube)
Sync. Voltage:	6V
Stabilisation:	±0.1%
Recharge Time:	5 Hours
Length:	27cm [10 5/8"]
Width:	18cm [7 1/8"]
Height:	28cm [11"]
Weight:	11.2kg [24.7lbs]
<b>Order Code</b>	<b>BW7640</b>



## Explorer Kits

The Explorer 1500 location sets are a great way to combine the portability of a battery with the power of a studio power-pack. Kits are available with one or two QUAD Flash Heads.

## Explorer Kit Order Codes

- BW7730** Explorer One Head Kit
- BW7731** Explorer Two Head Kit.

## Power Where You Want It.

As well as precise control over the level of power, the Explorer also allows you to decide exactly where to channel that power. Power can be asymmetrically split between channel A & B or combined so that the full power is available from one channel or symmetrically split between them.

## Banish Sync Cords

The Explorer features a built-in 24 channel radio slave, compatible with the Bowens Pulsar Radio Trigger.

## The Explorer Battery

At the heart of the Explorer Battery Generator is, of course, the battery itself. Inside the pack sits a powerful high-capacity 12Ah rechargeable battery providing the Explorer with its impressive performance delivering up to 150 shots at 1500Ws recycling in 3.8 seconds and 180 shots at 1200Ws ready to go again in just 3 seconds.

The mains or car charger can be plugged directly into the battery. So you can charge a second battery while using the Explorer pack.

## The Control Panel

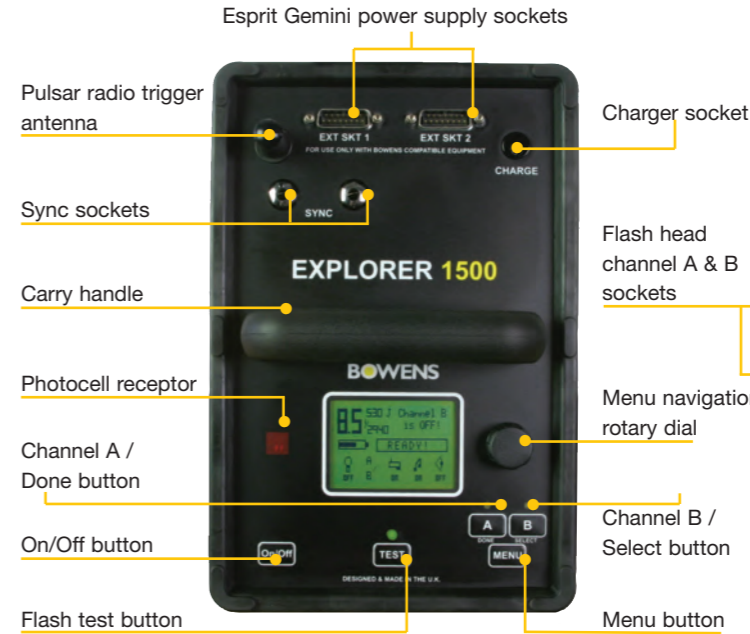
The control panel of the EXPLORER Battery Generator has been designed to be simple and quick to use. The pack functions are controlled via three multi-function buttons and a rotary dial. The large LCD screen displays the packs current status and intuitively guides users around the extensive functions of the Explorer. On the rear of the pack there are two independent flash head channels, to which up to 1500Ws of power can be divided - either symmetrically or asymmetrically. The rotary dial controls the power to each channel in exact 1/3 of stops. Two auxiliary power outlets on top of the pack allow power to be channelled to Gemini monolights.

## EXPLORER Features

Just like the QUADX and QUAD2400 generators, the EXPLORER boasts many advanced features designed to make creative photography simple.

## Special Effects Modes.

Three trigger modes are available which allow you to create delays, multiple flashes and to sequence flashes using up to nine packs.



- Esprit Gemini power supply sockets
- Pulsar radio trigger antenna
- Sync sockets
- Carry handle
- Photocell receptor
- Channel A / Done button
- On/Off button
- Flash test button
- Charger socket
- Flash head channel A & B sockets
- Menu navigation rotary dial
- Channel B / Select button
- Menu button



The Explorer 1500 represents the state-of-the-art in portable battery generator technology.

Weighing in at just under 12kg, this petite power-pack boasts an unbeatable power-to-size ratio while providing photographers with the flexibility of two independently digitally controlled channels and offering total freedom to create, whenever and wherever quality light is required.

## Bowens QUAD Heritage.

The Explorer features Bowens standard QUAD sockets making it compatible with the wide range of heads and accessories produced for the QUAD and DUO generators including the Ringflash Pro.

## Ultra-Fine Output Control.

Using the unique rotary dial, photographers can enjoy a six stop power range, from 31Ws to 1500Ws, selectable in 1/3 f-stop increments for ultimate control.

## Camera Synchronising.

As well as the two sync. sockets located on top of the pack, which allow time-saving simultaneous connection to a camera and a light metre, the EXPLORER also features a built-in radio antenna so that you can make trailing sync leads a thing of the past by firing the pack via a Pulsar Radio Trigger mounted to your camera. Synchronisation with other lights is achieved by using the built-in photocell.

## More Power.

In addition to the heads powered on Channel A & B you can add more light by powering up to two Gemini units from the EXPLORER - this can mean up to 3000Ws of flash-power.

**BW7640** Explorer Battery Generator.

## Accessories.

**BW7642** Spare Battery Cassette.

**BW1245** Car Charger.

**BW1227** Mains Charger.

**BW7632** Explorer to Gemini Cable.



# ringflash pro



The unique effect created by ringflash is one of the most sought-after, and popular styles of photography in today's fast-moving world of creative lighting.

Traditionally associated with high-end fashion or smaller, macro photography, the Ringflash Pro has been designed with multiple photographic applications in mind. It is suitable for photographers from all fields ranging from fashion, product, portraiture, studio based photography or even location work.

The Ringflash Pro is the most versatile, high spec, user-friendly ringflash unit available on the market today.

**“unparalleled creative opportunities”**

Smaller, lighter, and more portable than ever before and packed with plenty of new features it offers photographers a sensibly priced, high-end ringflash unit with unmatched build-quality that can out-perform its more expensive competitors.

The powerful Ringflash Pro allows you to take advantage of huge flash outputs in the studio with generators like the CREO, or on location using the Explorer 1500 Battery pack. Capable of super-fast flash durations up to 1/4500 sec; the Ringflash Pro raises the bar in ringflash photography.

The composition of lighting set-ups is a vital for perfect images; the Ringflash Pro has ten 20W, user-replaceable Halogen lamps controlled via a pack or a switch on the unit. To ensure heat is not an issue, the Ringflash Pro incorporates



twin cooling fans for optimum performance on even the longest shoots.

A bracket can be mounted to the main unit so the comfort-grip handle is in either portrait (for traditional hand held shooting) or landscape position, used when mounting the Ringflash to a tripod, for complete freedom of movement. For creativity, the Ringflash Pro comes with both a clear and a frosted cover glass.

From high-end fashion houses to small studios, the Ringflash Pro is a light shaping tool that no studio should be without.

### Specifications:

Flash Duration:	1/4500Ws @500Ws
Flash Duration:	1/1600Ws @ 3000Ws
Guide Number:	86 (m/100 ISO)
Max Power:	3000Ws
Cable Length:	5m [16']
Dimensions:	204Ø x 80mm [8Ø x 3"]
Aperture Ø:	100mm [3.9"]
Weight:	3.43kg [7.5lbs]

### Order Codes:

<b>BW7670</b>	Ringflash Pro (230V)
<b>BW7670US</b>	Ringflash Pro (117V)

### Accessories:

**130° Ringflash Reflector,**  
Used to increase the size and intensity of the flash output. **BW7674**

**110° Ringflash Diffuser,**  
For reducing the contrast and to create a soft light which is ideal for portraiture shots. **BW7675**

### Spare / Replacement Cover Glass

<b>BW7676</b>	Clear Cover Glass
<b>BW7677</b>	Frosted Cover glass

# ringflash pro





Photo by Chris Reeve • [www.chrisreevephotography.com](http://www.chrisreevephotography.com)

# light shaping tools & reflectors

Light modifying attachments are essential when you want to move beyond standard lighting and start to get really creative.

With over 20 different light shaping tools and accessories, the Bowens range is one of the most diverse available anywhere offering the perfect effect from portraits to fashion, still life to architecture.

## light modifiers



120° wide-angle reflector with umbrella mount

Designed as a spill-kill or to be used with umbrellas, this 15cm (6") reflector has a very wide, even coverage, making it perfect to spread light over broad areas.

Its very small diameter creates hard shadows and high-contrast lighting.

**BW1885**



60° grid reflector



A general purpose medium angle reflector with a matt finish and rolled rim with indent to hold an 18cm (7") grid. A set of three grids is available which offer 1/8" (3.175mm), 3/16" (4.762mm) and 1/4" (6.35mm) holes, for wider angle spotlights.

**BW1863** Grid Reflector

**BW1864** Set of three grids

**BW1865** Grid Reflector with three grids



40° sunlite reflector

A 43cm (17") white-painted reflector designed to replicate sunlight for photographing items such as architectural models.

The white-painted interior of the Sunlite reflector helps to ensure that an even light is delivered.

**BW1868**



21" white beauty dish

This large (53.5cm) white beauty dish provides a wonderful soft, diffused, directional light. An all-purpose, all-rounder - this dish is a must-have for fashion and beauty photography. Includes a fabric diffuser cap to effectively transform the reflector into a round softbox - great for round catchlights.

**BW1900** 21" White Beauty Dish

**BW1920** 21" White Beauty Dish with Carry Case

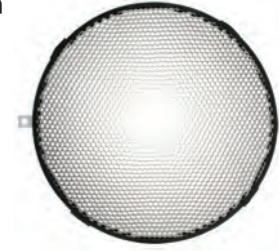


21" silver beauty dish

The large silver beauty dish creates a beautiful, big, soft pool of light with more contrast than the white dish. The Beauty Dish is a staple tool for fashion and beauty photographers. Supplied complete with a fabric diffuser for a softer light with superb round catchlights.

**BW1901** 21" Silver Beauty Dish

**BW1921** 21" Silver Beauty Dish with Carry Case



beauty dish accessories



Honeycomb Grid - this 3/8" (9.5mm) grid allows you to take full control over light spill which is essential when working in confined spaces or close to a background.

Carry Case - transport your beauty dish on location in safety avoiding any scratches to the interior.

**BW1905** Honeycomb Grid for 21" Beauty Dish

**BW1915** Carry Case for 21" Beauty Dish

50° keylite reflector



This is a very high output 24cm (9½") reflector that creates a highly specular result. It's the perfect reflector to be used where maximum light output is required. It's also a superb reflector for bouncing light off ceilings or simply to give the maximum possible depth of field.

**BW1886**



high-performance reflector

This 32cm (13") reflector achieves the maximum amount of light output possible, great for lighting large groups and bouncing light off of high ceilings.

The efficient parabolic design delivers a narrow, bright beam of light with intense shadows and high contrast.

A must where sheer power is required.

**BW1878**



supersoft 600 diffuser (for sunlite)

The Supersoft 600 mounts onto the front of the 40° Sunlite Reflector. Its super-large 600mm diameter reflector & unique two-layered diffusion design creates a large, soft light source delivering perfectly round, even catch lights for fashion and beauty shots. The internal baffle is printed with a special light distribution pattern to eliminate hotspots.

**BW1884**



75° softlite reflector 15" silver beauty dish

This 38cm (15") matt-finished reflector is supplied with a double diffuser cap that covers the flash tube and modelling lamp for added softness. It is perfect for portraiture, beauty and small product photography.

The diffuser cap can be removed, making it an excellent large-diameter direct reflector.

**BW1899**



grid diffuser (for softlite)

This is an accessory for the 75° Softlite Reflector that creates a unique lighting effect combining a Perspex outer diffuser with a honeycomb grid in the centre. The Grid Diffuser gives a pool of direct light in the centre, surrounded by soft-diffused light. The ratio between the centre and edge is 3:1 - ideal for portrait applications.

**BW1866**



ringlite converter

Thanks to this unique light modifying accessory, ring-flash style photography is now possible at a fraction of the price. Simply attach the lightweight and portable ringlite converter to any Bowens 'S'-type compatible flash-head, position your camera in the central aperture and go.

**BW1790** Ringlite Converter

# effects reflectors



backlite reflector

With its 20 x 30.5cm (8 x 12") elliptical shape, this reflector produces an oval pool of light that can be used to create a natural vignette on a background or other areas. Two spring clips allow coloured gels to be fitted.

- BW2560** backlite reflector
- BW2552** set of 12 coloured gels for backlite



65° maxilite reflector

This is a good general-purpose direct reflector with an even coverage and a high light output. Since it has a small 20cm (8") diameter, the light it produces is moderately high in contrast. The stippled surface ensures a smooth and even light distribution.

**BW1887**



gel filter holder (for maxilite)

This handy accessory for the 65° Maxilite reflector simply clips to the front allowing you to use coloured gels and filters for added creativity.

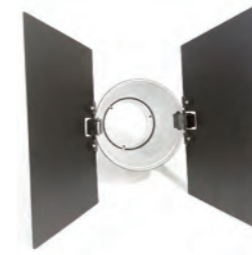
- BW2368** Gel/filter holder for Maxilite
- BW2364** Set of 12 coloured gels & filters



basic reflector kit

Exceptional value-for-money starter kit containing a reflector, snoot and four-leaf barn door. The efficient 60° reflector is optimised for light spread. The snoot and barn door attachments connect neatly onto the main reflector, providing instant control.

- BW1882** basic reflector set
- BW1057** set of coloured gels for reflector kit



universal clip-on barn-doors

These are a must for anyone using direct reflectors. Simply clip to the rim of your reflector to enable the spread of light to be precisely controlled.

- BW1869** clip-on barn-doors  
*(reflector not included)*



'S'-type studio wall mount

Keep your studio tidy and your reflectors protected with this useful 'S'-type wall mount. Simply attach to a wall and fit your reflector to it in the same way you would to a flash head. A neat a low cost solution to reflector storage.

- BC120** Reflector Wall Mount.



15° snoot

For creating a simple spot effect, this 10cm (4") cone can also be used as a hair light, creating a pool of illumination on the hair without spilling on to the face or background.

- BW1888** snoot
- BW1862** ¼" honeycomb grid for snoot

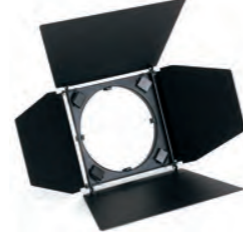


honeycomb grids (for maxilite)



These grids fit on to the front of the Maxilite Reflector and deliver a very tightly controlled pool of illumination, creating a highly efficient spot effect.

- BW1891** ⅜" (9.525mm) grid for a wider angle spot effect.
- BW1892** ¼" (6.35mm) grid for a narrower angle spot.



barn-door & gel holder (for maxilite)

Another useful add-on for the 65° Maxilite reflector. The four-leaf barn-doors allow a greater degree of control over the light spread.

This attachment also incorporates a gel holder allowing the use of the BW2364 gel set for creative lighting.

**BW2363**



universal honeycomb grid

These are designed to fit a wide range of Bowens reflectors. The adjustable fittings clip over the rim of the reflector.

- BW1861A** ¼" (6.35mm) grid for a narrower angle spot effect.
- BW1861B** ⅜" (9.525mm) grid for a wider angle spot effect.



multiclip

The multiclip has thousands of uses around the studio. This unique double-ended, swivel-mounted clip can be used for holding diffusers, filters or gobos to light units or for holding reflector cards between your light-source and lens. A 'must-have' for all photographers,

**BW1826/A** multiclip



**NOTE:** All Bowens direct attachment reflectors feature the standard 'S'-type fitting which means they are compatible with all Bowens monolights and generator flash-heads.

# spot effects

*using the fresnel 200*



Fine art and portrait photographer, Faye Yerbury.

**Faye:** I really enjoy working with the Bowens Fresnel 200. This modifier is definitely in regular use in the studio, and is the one light modifier that I would not be without.

The set-up for this image was really simple; it's something that anyone can do. I placed a single Gemini 500Pro up high above the model, at a 45° angle. The Fresnel, when used at this angle, allowed me to create those wonderful, deep shadows.

The Fresnel is an asset to any studio, it can enhance even the most simple of portraits; you can instantly turn a boring head-and-shoulders style picture into such a romantic feeling shot without even trying.

www.yerburystudio.com

## FRESNEL 200 spot attachment



### Fresnel 200 spot attachment

This 200mm Fresnel lens produces a Hollywood-style classic light unique to Fresnel spots.

A built-in iris gives very tight control of the light pool, making it ideal for product photography.

It is also great for classic portraits and for precise control in commercial work.

**BW2914** fresnel 200

## UNIVERSAL spot attachment



### Universal Spot Attachment

This high-quality optical attachment allows the projection of gobos, patterns, masked shapes and cut-outs on the background or onto your subject. It can also be used to tightly light parts of your shot projecting a spot as small as 5cm (2") from a distance of 90cm (3'). The integral gobo holder accepts M-size (6.6cm / 2.6") gobos.

**BW1880** Universal Spot Attachment.



### Gobo set

This set of M-size gobos features 12 different patterns including stars, hearts, window-light, lightning and cityscape.

This collection is designed to fit the universal spot attachment.

**BW1879** Set of 12 Gobos



### Not just a fan!

When precision, pin-point control over the speed and direction of air-flow is needed, a fan simply will not do.

You need a Jetstream, Bowens industry-standard professional wind machine. The cylindrical design of the Jetstream wind machines allow you to create a 'tube' of air which means you can point the air anywhere you need it without disturbing another part of your set – this is not possible with a regular fan.



The volume of air-flow can be varied from gentle breeze to intense bluster and beyond with control from either the on-board digital control panel or via a Gemini infra-red remote control. The remote control has eight unique IR channel settings allowing you to control Jetstreams individually or in banks to create different effects. The Jetstream can be placed on the floor and angled to suit or mounted onto any 5/8" support stand or ceiling track system.

## JETSTREAM 250 wind machine



### Jetstream 250 Wind Machine

Our standard sized professional wind machine has become an industry standard, seen in photo and TV studios and fashion runways all over the world.

Length	315mm [12½"]
Width	260mm [10½"]
Height	260mm [10½"]
Weight	9.6kg [21.1lbs]
Order Code	<b>BW2555</b> (230V)
Order Code	<b>BW2556</b> (117V)

## wind machines

## JETSTREAM 350 wind machine



### Jetstream 350 Wind Machine

When more air-flow is required on set, the larger diameter Jetstream 350 can provide big air with precision control over the speed and direction.

Length	390mm [15½"]
Width	365mm [14¼"]
Height	365mm [14¼"]
Weight	13.3kg [29.3lbs]
Order Code	<b>BW2557</b> (230V)
Order Code	<b>BW2558</b> (117V)

## reflector kits

Light shaping tools are essential for creating images with the 'wow' factor, but choosing which accessories to use to achieve that perfect effect can sometimes be daunting.

To make selecting the right accessories easier, Bowens have created four unique lighting reflector kits designed to cover 'Basic Effects', 'Portrait Lighting', 'Fashion Lighting' and 'Advanced Lighting'.

Now you just need to decide what style of photography you want to achieve and choose the relevant pre-packed and ready-to-go kit from Bowens.



effects reflector kit

This kit includes five professional light shaping tools and accessories designed to compliment basic lighting set-ups by creating special lighting effects.

Contains a Snoot and Four-Leaf Barn Door set supported by a 60° Reflector as well as a Backlite Reflector together with 12 coloured gels and filters.

**BW6650** Effects Reflector Kit



portrait reflector kit

Contains seven of Bowens most popular lighting accessories for portraiture lighting.

The kit includes a 60x80cm Softbox, a 60° Grid Reflector together with three sizes of Honeycomb Grid as well as a Backlite Reflector with 12 coloured gels and filters & a telescopic Backlight Stand. Finally an 81cm Gold/Silver reflector disc, for adding warmer or cooler tones completes the kit.

**BW6655** Portrait Reflector Kit



fashion reflector kit

The Fashion Lighting Reflector Kit contains six specialist light shaping tools designed to create the very popular high-Key effect.

The kit contains two High-Performance Reflectors for broad high contrast coverage. An ultra-soft beauty dish with a grid diffuser attachment, a 15° Snoot for highlighting detail and a Gold/Silver Reflector Disc for adjusting colour tones.

**BW6660** Fashion Reflector Kit

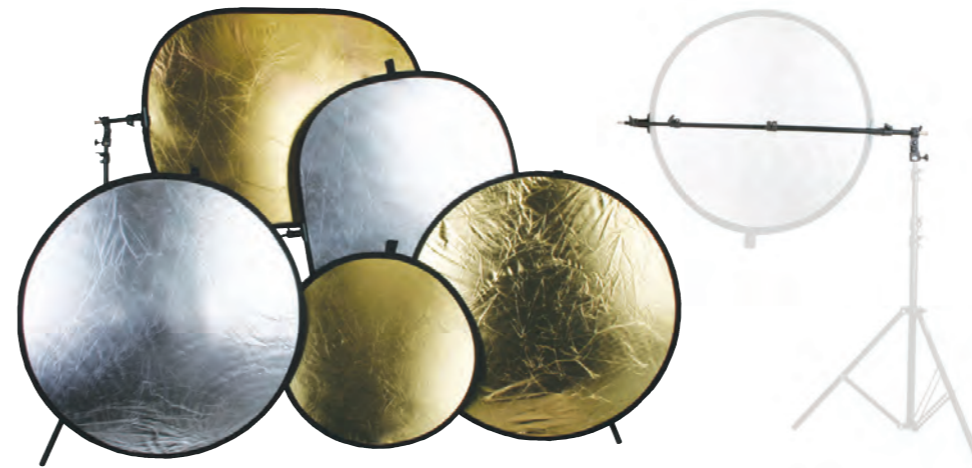


advanced reflector kit

The advanced Lighting Reflector Kit covers a broad range of lighting scenarios.

The kit contains a 60x80cm Softbox, two Maxilite Reflectors with two sizes of Grid as well as a Four-Leaf Barn-Door Set and a Gel Holder with 12 coloured gels. The kit is completed with an 81cm Gold/Silver reflector disc, designed for easily adding warmer or cooler tones to your images.

**BW6665** Advanced Reflector Kit



Bowens Gold/Silver Reflector Discs

These innovative, collapsible discs offer two reflector options from one tool.

The disc panels can be flipped or reversed instantly so you always have the right tool on hand.

Reflector Discs are extremely lightweight, easy to use and do not require any assembly. Their carbon-steel frames are welded to withstand rigorous use and provide years of dependable performance.

When not in use, they fold effortlessly into small circles one-third of their open size.

Available in three sizes.

**BW3225** 81cm [32"] disc

**BW3245** 107cm [42"] disc

**BW3265** 122 x 92cm [48 x 36"] Oval

Telescopic Disc Holder

This telescopic arm is universal to take all sizes of Reflector Disc and attaches to any lighting support stand.

**BW3275**

Bowens Silver/White Umbrellas

These dual-purpose umbrellas feature a white interior surface backed by a removable silver fabric with a black exterior.

This provides a soft but highly efficient bounced light source.

For close-up lighting, the silver/black backing can be removed, allowing you to get closer to your subject by lighting through the umbrella like a softbox.



Available in three sizes.

**BW4036** 90cm [35"]

**BW4046** 115cm [45"]

**BW4060** 140cm [55"]

*Don't forget...*

**BW1885** 120° Umbrella Reflector.  
(see page 36)



# softboxes

Softboxes are a staple tool for studio-based photographers, and thanks to our portable lighting solutions they are increasingly used on location too.

Bowens Lumiair Softboxes and Octo lightbanks fit quickly & easily to the front of any Bowens flash unit (or even other brands with our adapter rings) to create a directional very soft and even light.

With eleven different shapes and sizes available, the Bowens range covers every type of photography from still life and portraiture through to fashion and commercial.

*lumiair*  
by BOWENS

  
LIGHTTOOLS  
exceptional control

# lumiair

by BOWENS

For years, Bowens has designed and manufactured the industry's finest range of professional softboxes. Now we have drawn on this considerable experience to create 'lumiair' the pinnacle in softbox design.

Precision tension ensures the straightest edges delivering the perfect cut-off for fashion and portrait work while the optimum colour calibration of the reflective interior surface together with their shallow construction offer the highest degree of light efficiency. Add to this two layers of diffusion and you have a completely even spread of light without distracting hotspots.

Each Lumiair softbox comes complete with a simple zip-up carry case to ensure safe and easy transportation to location shoots. Lumiair professional softboxes include the main canopy, a rear cowell, front diffuser, internal diffuser, and support rods.



**Lumiair 60-80**  
60cm x 80cm [23½" x 31"]  
Rectangular shape perfect for portraiture and product shots.  
**BW1500** Lumiair 60-80.

- Accessories  
**BW1501** 40° Soft Egg Crate.
- Spare Parts  
**BW1504** Spare front diffuser.  
**BW1503** Spare internal diffuser.  
**BW1502** Spare support rod.



**Lumiair 80-100**  
80cm x 100cm [31" x 39½"]  
For larger portraits or when a softer light is required.  
**BW1505** Lumiair 80-100.

- Accessories  
**BW1506** 40° Soft Egg Crate.  
**BW1545** Stretch Frame.
- Spare Parts  
**BW1509** Spare front diffuser.  
**BW1508** Spare internal diffuser.  
**BW1507** Spare support rod.



**Lumiair 100**  
100cm x 100cm [39½" x 39½"]  
Our most popular size, ideal for a wide range of photography.  
**BW1510** Lumiair 100.

- Accessories  
**BW1511** 40° Soft Egg Crate.  
**BW1546** Stretch Frame.
- Spare Parts  
**BW1514** Spare front diffuser.  
**BW1513** Spare internal diffuser.  
**BW1512** Spare support rod.



**Lumiair 140**  
140cm x 100cm [55" x 39½"]  
Ideal for large group shots as well as soft light room sets.  
**BW1515** Lumiair 140.

- Accessories  
**BW1516** 40° Soft Egg Crate.  
**BW1547** Stretch Frame.
- Spare Parts  
**BW1519** Spare front diffuser.  
**BW1518** Spare internal diffuser.  
**BW1517** Spare support rod.



**Lumiair Strip 100**  
100cm x 40cm [39½" x 15¾"]  
Narrow profile strip gives a sharper cut off, ideal for fashion and beauty.  
**BW1520** Lumiair Strip 100.

- Accessories  
**BW1521** 40° Soft Egg Crate.  
**BW1548** Stretch Frame.
- Spare Parts  
**BW1524** Spare front diffuser.  
**BW1523** Spare internal diffuser.  
**BW1522** Spare support rod.



**Lumiair Strip 140**  
140cm x 40cm [55" x 15¾"]  
Perfect for full length fashion and beauty photography.  
**BW1525** Lumiair Strip 140.

- Accessories  
**BW1526** 40° Soft Egg Crate.  
**BW1549** Stretch Frame.
- Spare Parts  
**BW1529** Spare front diffuser.  
**BW1528** Spare internal diffuser.  
**BW1527** Spare support rod.



**Lumiair Octobank 90**  
90cmØ [3'Ø]  
Great for creating an even blank light canvas for glamour or fashion.  
**BW1530** Lumiair Octobank 90.

- Accessories  
**BW1531** 40° Soft Egg Crate
- Spare Parts  
**BW1534** Spare front diffuser.  
**BW1533** Spare internal diffuser.  
**BW1532** Spare support rod.



**Lumiair Octobank 120**  
120cmØ [4'Ø]  
Perfect for creating large areas of diffused light with soft shadows.  
**BW1535** Lumiair Octobank 120.

- Accessories  
**BW1536** 40° Soft Egg Crate.
- Spare Parts  
**BW1539** Spare front diffuser.  
**BW1538** Spare internal diffuser.  
**BW1537** Spare support rod.



**Lumiair Octobank 140**  
140cmØ [4½'Ø]  
Creates a large pool of diffused wrap around light on your subject.  
**BW1540** Lumiair Octobank 140.

- Accessories  
**BW1541** 40° Soft Egg Crate.
- Spare Parts  
**BW1544** Spare front diffuser.  
**BW1543** Spare internal diffuser.  
**BW1542** Spare support rod.

softboxes



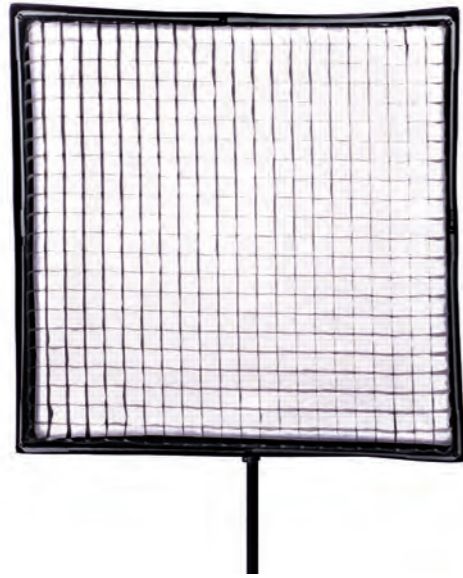
## soft egg crates

Bowens have teamed with industry leading softbox light control specialists, Lighttools®, to offer a bespoke range of their patented Soft Egg Crates and Stretch Frames designed to fit all Lumiair softboxes.

The lightweight fabric grids are highly portable and are able to be folded away easily into a handy almost pocket-sized pouch for transport or storage.

When tight light control is needed, the grids fit neatly into the inner recess of a Lumiair softbox fixed with velcro style strips along each edge. Further control can be achieved by using the optional Stretch Frames which increase the tension of the grid, meaning the softbox can be angled further down without fear of the fabric grid sagging in the middle.

Bowens and Lighttools are industry bywords for quality when it comes to lighting - combined we have created a softbox range that simply cannot be equalled.



### Soft Egg Crates

Lighttools patented Soft Egg Crates® are made up of precisely angled cells that tightly control off-axis light while maintaining the beautifully soft light quality delivered by Lumiair softboxes.

- BW1501** 40° Soft Egg Crate for Lumiair 60-80.
- BW1506** 40° Soft Egg Crate for Lumiair 80-100.
- BW1511** 40° Soft Egg Crate for Lumiair 100.
- BW1516** 40° Soft Egg Crate for Lumiair 140.
- BW1521** 40° Soft Egg Crate for Lumiair Strip 100.
- BW1526** 40° Soft Egg Crate for Lumiair Strip 140
- BW1531** 40° Soft Egg Crate for Lumiair Octobank 90
- BW1536** 40° Soft Egg Crate for Lumiair Octobank 120
- BW1541** 40° Soft Egg Crate for Lumiair Octobank 140



### Stretch Frames

Stretch Frames® are light weight, portable and easy to assemble frames which hold a Soft Egg Crate® perfectly taut inside the recess of a Lumiair softbox creating straight edges with no sagging.

- BW1545** 80x100cm Stretch Frame. For Lumiair 80-100.
- BW1546** 100x100cm Stretch Frame. For Lumiair 100.
- BW1547** 100x140cm Stretch Frame. For Lumiair 140.
- BW1548** 40x100cm Stretch Frame. For Lumiair Strip 100.
- BW1549** 40x140cm Stretch Frame. For Lumiair Strip 140.



### Softbox adapter rings

Bowens softboxes can be used with many other types of flash system simply by changing the inner adapter ring.

- RD6210** Bowens Adapter (shown)
- BW1959** Bron Pulso Adapter
- RD6250** Comet Adapter
- RD6255** Dynalite Adapter
- BW1957** Elinchrom Adapter
- BW1997** Hensel Adapter

- BW1961** Multiblitz P Type Adapter
- BW1956** Multiblitz V Type Adapter
- RD6225** Norman 2000/4000/ Lumadyne
- RD6265** Photogenic Adapter
- BW1975/A** Profoto Adapter
- RD6220** Speedotron Adapter
- BW1955** White Lightning Adapter



### Bowens Quickring

The original Bowens-designed Quickring is designed to make the assembly (and disassembly!) of any of our softboxes easier than ever.

The advanced design of the Quickring allows the center ring to be released and rotated, this relieves tension on the support rods as the softbox is being assembled. Now broken and bent rods and sore thumbs can become a thing of the past.

## softbox adapters



Assembling a softbox using the Quickring couldn't be simpler.

First insert the rods into your softbox, then unlock the adapter ring, insert all four softbox rods into the Quickring, then close to lock the adapter ring back in place and your softbox is assembled - easy!

**BW3110**

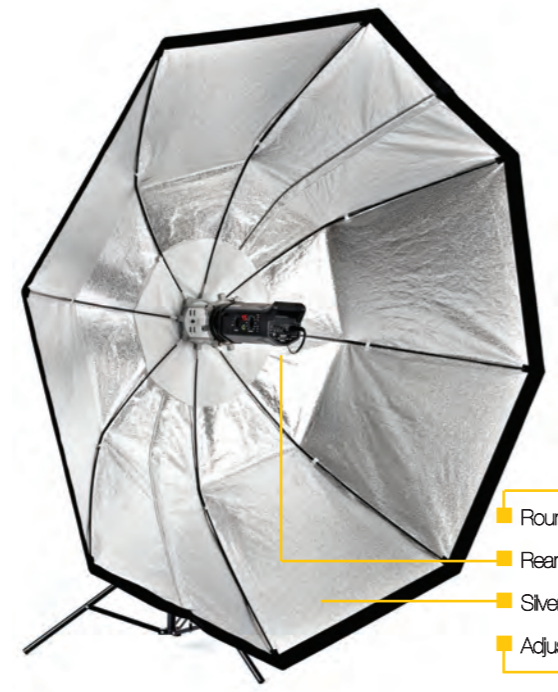


**Octo150**  
 Diameter: 150cmØ [5'0"]  
 Depth: 75cm [2½"]  
 Weight: 6.4kg [14lbs]

**BW1650** Octo 150

**The Bowens Octo150 is a unique large soft box which offers several unique features that are particularly of advantage to portrait photographers.**

Unlike other large octagonal softboxes available on the market, Bowens Octoboxes feature a perfectly round front diffuser for perfectly round catch lights, which are cleaner and more pleasing than their multi-sided counterparts. Another difference is how your flash unit is mounted inside the Octobox, facing the rear



- Round front diffuser
- Rear mounted light
- Silver reflective interior
- Adjustment Handle

- away from the subject. This offers two distinct advantages over traditional softboxes. Because there are no extra layers of diffusion fabric between the light source and the front diffuser, it is a remarkably efficient softbox and can be used with a relatively small flash, such as a Gemini 500.

The other significant advantage of this design is the evenness of illumination on the front cloth. The interior silver and white surfaces have been designed to ensure optimum evenness of light.



octo150

Because the light is so even, it can be used close to the subject to produce maximum softness as well as maximum light output.

Assembling the large Octo150 is easy. Simply insert the support rods into the adaptor ring then zip up the two side zips to create the octobox. At last a big softbox that can be assembled, and disassembled, quickly and easily.

The Octo150 comes supplied with a travel bag for easy transportation.

octo90



**Just like its bigger counterpart the Bowens Octo90 is a large octagonal softbox designed to create a perfectly round pool of beautiful soft, diffused light.**

The 90cm (3') diameter of the Octo90 makes it ideal for smaller studios who need a big beauty light but don't have room for large parabolic reflectors. Thanks to the easy to assemble zip-up design of the softbox and its small disassembled size, the Octo90 is also perfect for location work



- Adjustment handle
- Removeable tone reflectors
- Rear mounted light
- Silver reflective interior
- Round front diffuser

The unique round diffuser creates aesthetically pleasing catchlights making this the perfect beauty softbox and the softness and evenness of the light means the Octo90 can be used from large lighting setups to close in to the subject with no loss in the quality of light.

Because the flash unit is mounted facing the rear of the softbox there is no hot-spot on the front diffuser - the light is bounced from the rear of the Octo90 to create a remarkably soft and even light.

To assist with creating perfect skin tones in beauty work and portraiture, the Octo90 comes supplied with two removeable inner tone reflectors, one gold and the other silver and gold - use in conjunction with the large silver interior of the softbox for amazing skin tones.

To assemble the Octo90, insert the support rods into the adaptor ring, then zip-up the side panels and secure in place with the fastening tabs - fast and simple.



octoboxes

**Octo90**  
 Diameter: 90cmØ [3'0"]  
 Depth: 75cm [2½"]  
 Weight: 4.7kg [10lbs]

**BW1640** Octo 90



# lighting support

The world's best lights deserve the world's best support. Bowens Light Support Stands and Booms represent exceptional value for money.

Constructed from black aluminium for a sturdy, attractive and non-reflective appearance.

Bowens stands feature high-quality aluminium locking clasps, rather than plastic, to ensure ultimate stability and maximum safety.

# lighting support stands



Backlight Stand



Folding Stand



Handy Stand



Compact Stand



Compact Air Stand



Portable Stand



Heavy-Duty Stand



Heavy-Duty Air Stand



Double Riser C Stand



Boom Stand

The very smallest of the Bowens light stands, allowing you to place your lights very nearly on the floor at just 7cm from the ground or up to a maximum height of 85cm.

Max Height	85cm [34"]
Min Height	7cm [3"]
Closed Length	45cm [18"]
Weight	3kg [6.6lbs]
Order Code	<b>BW6600</b>

A super versatile stand, able to fold down to a highly portable size. Perfect for location lighting - or lightweight duty in the studio. Included in Streamlite kits.

Max Height	190cm [6'4"]
Min Height	49cm [32"]
Closed Length	48cm [33"]
Weight	0.9kg [3.1lbs]
Order Code	<b>BW6625</b>

Designed to be lightweight and small enough for portability and durable enough to withstand the rigours of studio and location work. Included in GM200 & 400 kits.

Max Height	225cm [6'4"]
Min Height	82cm [32"]
Closed Length	85cm [33"]
Weight	1.4kg [3.1lbs]
Order Code	<b>BW6605</b>

This portable and lightweight entry-level light support stand is our best seller and is included in Bowens Gemini 'Classic', 'R' and 'Pro' lighting kits.

Max Height	305cm [10']
Min Height	83cm [33"]
Closed Length	86cm [34"]
Weight	1.7kg [3.8lbs]
Order Code	<b>BW6610</b>

This air-cushioned, portable and lightweight light support stand affords extra protection to any equipment mounted to it (in the event of rapid descent).

Max Height	311cm [10']
Min Height	99cm [33"]
Closed Length	86cm [34"]
Weight	1.5kg [3.8lbs]
Order Code	<b>BW6611</b>

A superb all-purpose light support stand, essential when extra height is needed, it reaches 11¼' (355cm) and closes to 39" (100cm).

Max Height	355cm [11¼']
Min Height	97cm [38"]
Closed Length	100cm [39"]
Weight	1.8kg [3.9lbs]
Order Code	<b>BW6615</b>

This ultra-durable and sturdy support stand easily withstands the demands of a busy studio.

Max Height	397cm [13']
Min Height	112cm [44"]
Closed Length	115cm [45"]
Weight	2.4kg [5.3lbs]
Order Code	<b>BW6617</b>

The air-cushioned sections of this ultra-durable lighting support stand provide extra protection to any equipment mounted on the stand.

Max Height	395cm [13']
Min Height	130cm [44"]
Closed Length	117cm [46"]
Weight	3kg [5.3lbs]
Order Code	<b>BW6618</b>

This three-section stand folds flat making this heavy-duty double riser easy to transport and store. The baseleg design allows stands to be used closer together.

Max Height	270cm [11¼']
Min Height	128cm [38"]
Closed Length	101cm [39"]
Weight	5kg [3.9lbs]
Order Code	<b>BW7040</b>

This heavy-duty stand can be used with or without the supplied wheels and will support heavier lights or lighting booms, providing great stability.

Max Height	218cm [13']
Min Height	117cm [44"]
Closed Length	115cm [45"]
Weight	7.5kg [5.3lbs]
Order Code	<b>BW6620</b>

# light booms



Compact Boom



Standard Boom



**Bowens booms feature a parallelogram design that makes it easy to precisely raise or lower lights without changing the angle of light in relation to your subject.**

For precise control, the head extension offers rotation up to 360° for unlimited directional control. All angle movements are controlled by a handle located at the pivot point, making it easy to see exactly how the light falls on the subject.

The sliding counterweight system easily adjusts for different sizes of lights and boxes.

Just slide the weight bags to create the perfect balance and lock them securely. Once you have the balance set for your light source, there is no need to lock the boom into position, simply raise or lower the light to the height required and let go. The boom stays put without locking, clamping or cranking.

The minimized length of the counterweight section makes this the perfect boom for smaller studios.

The boom assembles in just minutes and requires no tools.

Great for location & tabletop photographers. Measures only 132cm (52") long with a reach of 81cm (32").

Supplied with a counterweight bag, suitable for up to 6.8kg (15lbs) of weights, and accepts optional head extensions of 46cm (18"), 61cm (24") and 76cm (32").

Measures 1m (38") unassembled, weighs 4kg (9lbs) and mounts onto any cine-type light stand with a 5/8" female socket.

**VB1180** Compact Boom

Perfect for large sets and low angles. Features calibrated angle indicators on the height and rotating head movements. Measures 2.9m (9½') overall, has a 1.8m (6') reach with a standard 46cm (18") head extension and is supplied with two unfilled counterweight bags.

For longer reach, 61cm (24"), 76cm (30") and 122cm (48") head extensions are available. Measures 1.5m (60") unassembled and weighs 7kg (16lbs).

**VB1185** Standard Boom

## Boom Accessories

For a longer reach, four optional extended head sections are available for the Bowens Boom.

**RD1219** 18" (46cm) Head Extension

**RD1225** 24" (61cm) Head Extension

**RD1231** 30" (76cm) Head Extension

**RD1249** 48" (122cm) Head Extension

To change the orientation of the mounting stud on the end of the boom from horizontal to vertical.

**RD1280** Vertical Mount Stud (½" or ⅝")

Unfilled counterweight bags are designed to be filled with sand or lead shot and mounted on the sliding plate of the boom tail section to add stability.

**RD1290** Small Counterweight Bag

**RD1295** Large Counterweight Bag

A set of spare Thumbscrews for securing counterweight bags to the boom.

**RD1330** Thumbscrews (set of four)

## Boom Stand

This heavy-duty stand can be used with or without the supplied wheels and will support heavier lights or lighting booms, providing great stability and movement.

Max Height	218cm [13']
Min Height	117cm [44"]
Closed Length	115cm [45"]
Weight	7.5kg [5.3lbs]
Order Code	<b>BW6620</b>

## Background Support System

The Bowens background support system is designed for use with either full or half width paper backgrounds and any fabric background.

This versatile system is 3 metres wide and can collapse down to fit into a pretty small bag, making it ideal for transporting to different locations outside the studio.

Max Height	247cm [9']
Max Width	365cm [12']
Bag Length	112cm [3'8"]
Kit Weight	7.7kg [17lbs]
Order Code	<b>BW6090</b>



Traveller Holdall Case

The Bowens Traveller Holdall Case is designed to transport smaller Gemini lighting kits, such as the Gemini 400Rx kit with two small heads, reflectors, stands and umbrellas.

The roomy carry case has padded dividers held in place by velcro style fasteners which can be easily repositioned to configure the interior to different kits and accessories.

**BW1023** Traveller Holdall Case



Traveller Studio Case

The Bowens Traveller Studio Case is designed to take a variety of Gemini lighting kits.

The internal padded dividers can be easily adjusted to accommodate flash heads, lighting stands and other accessories.

This rolling kit case is included in our popular Gemini Classic and Gemini R two head kits.

**BW1025** Traveller Studio Case



Medium Traveller Case

The suitcase style Bowens Traveller case with its telescopic handle is designed to accommodate two Gemini 500Pro or 750Pro heads together with a Wide-Angle Reflector and Pulsar Tx Transmitter. Each item is housed in its own section of a cut to shape impact resistant fitted foam block.

Stands, umbrellas and softboxes are carried in the stand bag (available separately)

**BW1044** Medium Traveller Case



Large Traveller Case

This larger version of the rolling Bowens Traveller case features a contoured foam block interior designed to take the flash heads and reflector in the two head 1000pro or 1500pro kits or the three heads and reflectors in the Gemini 500R three head kit.

Use with the optional Stand bag for complete kit coverage.

**BW1052** 1000pro 2 Head Case

**BW1053** 1500pro 2 Head Case

**BW1056** 500R 3 Head Case



Traveller Stand Bag

The Bowens Traveller Stand Bags are designed to be worn like a backpack, freeing up both hands to carry all of the other equipment a busy photographer need to take on location.

The Small bag will take two stands and the large bag will take three stands, with space for other accessories such as softboxes.

**BW1060** Small Stand Bag

**BW1062** Large Stand Bag



Travelpak Case

The Bowens Travelpak bags have been designed to protect the Travelpak battery system on the move.

The bag features a large central section to take the Travelpak unit and two well proportioned sections on either side to accommodate the charger and cables.

The bag can be carried using the Travelpaks own handle or the incorporated shoulder strap.

**BW7678** Small Travelpak Bag

**BW7679** Large Travelpak Bag



Mosaic Padded Case

With its well-padded interior, the lightweight Mosaic two panel padded bag carries and protects one or two Mosaic panels plus filters, barndoors, batteries and cables.

A pair of compact light stands can be strapped to the front of the bag using the integrated tie straps to create a compact, portable and lightweight two-light shooting kit.

**VB1525** Mosaic Padded Bag



Beauty Dish Carry Case

The semi-rigid drum style Beauty Dish Carry Case has been designed to carry the Bowens 21" Silver or White Beauty Dish in safety, protecting the reflector surface until it is needed on location.

A zip runs around the diameter of the top of the case for easy and quick access to use or pack away the Beauty Dish.

**BW1915** Beauty Dish Carry Case



Studiolute Lamp Case

The Studiolute Lamp Case is a lightweight case with an impact resistant foam block interior designed to accommodate four Studiolute fluorescent lamps (see page 68). The custom fit affords full protection to the lamps allowing very little movement.

This case is included with all Studiolute DMX light banks (see page 66).

**VB1395** Studiolute 4 lamp Case



Photo by Chris Reeve • [www.chrisreevephotography.com](http://www.chrisreevephotography.com)

# continuous lighting

The emergence of HD-DSLR cameras means the convergence of photography and videography has become ever more common.

The Bowens range of continuous lighting has been designed to make the crossover easy with features such as f/stop mode and DMX control in our LED and fluorescent lights together with a wide choice of colour temperature and light shaping options.

Continuous lights are powerful enough for portrait and still life photography, and perfect for video use in the studio or out on location.

**mosaic** **studiolite** **streamlite**  
DAYLIGHT...TUNGSTEN...BI-COLOUR    DMX FLUORESCENT LIGHT BANK SYSTEM    A CONSTANT STREAM OF COOL DAYLIGHT

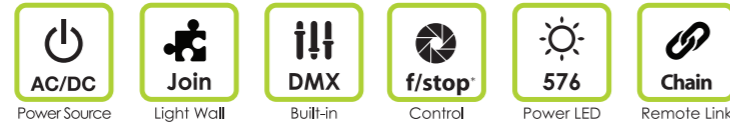
# LED lighting



**mosaic**  
DAYLIGHT ... TUNGSTEN ... BI-COLOUR



### Features:



### Options:



62 - Continuous Light | Mosaic LED Panel

The high-powered Mosaic LED panels provide up to 5200 Lux of high-quality (>85 CRI), brilliant light at whatever colour temperature is required - perfect for both studio and location video lighting or photography.

Available in three models, calibrated to Daylight (5600°K), Tungsten (2800°K) or Bi-Colour for a user-defined colour temperature, the Mosaic features 576 ultra-bright fully dimmable LEDs, providing an output that is around **three times brighter than similar lights**, a difference that is clearly visible.

### Power & Control

With mains power and industry standard V-lock battery operation available out of the box, and an optional Anton/Bauer battery mount the Mosaic is ready to go when you are anytime, anywhere.

The intuitive onboard digital control panel with its digital display makes operating the Mosaic simple, and with full DMX in & out control, the Mosaic can be operated remotely just as easily.

The memory function allows settings to be saved for quick recall at a later time.

### Better Connected

Multiple Mosaics can be linked together via standard RJ45 ethernet cables which means that multi-panel set-ups can be easily controlled from any other Mosaic panel.

### Go Large

Bank Mosaic units together to form a wall of quality light. Optional mounting kits are available to allow you to create blocks of two or four Mosaic panels together, creating larger sources of light.

### Everyone's Invited

LED Panels are traditionally seen as video lighting, but the Limelite Mosaic features a unique f/stop mode\* which converts the display to show the light output in f/stops making the versatile Mosaic just as useful for photographers.

With the multiple power, control, mounting and usage options together with the build quality of Bowens, the Mosaic is one of the most versatile and reliable LED panels available and one of the best value too.

\* Daylight & Tungsten models only.

exceptional quality and performance - as standard.

**mosaic**  
DAYLIGHT ... TUNGSTEN ... BI-COLOUR



### Mosaic Daylight LED Panel

With 576 Power LEDs creating up to 4200 Lux of super-bright high quality brilliant 5600K (±300K) daylight, the Mosaic Daylight LED Panel is perfect for a wide variety uses.

Dimmable from 100% to 0% via the onboard digital control panel or DMX control which is built-in as standard, this 1x1 panel is quick to set up and intuitive to use. When 1x1 is not a big enough light source, Mosaic units can be banked together easily to form 1x2 or 2x2 panel lights. Weighing in at just 1.4kg despite being made from tough aluminium rather than fragile plastic, the Mosaic is perfect for location duty as well as studio work.

**VB1000** Mosaic Daylight LED Panel

• Add UK, EUR, US or AUS to the code to ensure the correct power cord is included.



### Mosaic Tungsten LED Panel

The Mosaic Tungsten LED Panel delivers up to 4200 Lux of stable, tungsten balanced (2800K ±300K) high-quality light - perfect for use with traditional hot lights - without the heat!

Quick and easy to control via the digital control panel on the rear or the integral DMX system - the Mosaic is Dimmable from 100% to 0%. The tough, dependable aluminium built panel is lightweight at just 1.4kg. The versatile Mosaic LED panel can be stand mounted or ceiling mounted (with accessories) and can be banked together with other Mosaic panels to create larger light sources when required.

**VB1005** Mosaic Tungsten LED Panel



### Mosaic Bi-Colour LED Panel

The best of both worlds! The Mosaic Bi-Colour LED Panel can be adjusted across the full spectrum from daylight to tungsten at the touch of a button.

Using the built-in digital control panel or standard DMX it is simple and fast to adjust the colour temperature from 2800K to 5600K or the brightness from 100% to 0%. The 1x1 panel can be used on its own or banked into units of 1x2 or 2x2 with all units in sync via DMX or ethernet cables. Weighing just 1.4kg, the sturdy metal-bodied Mosaic panel is reliable and ready to go whenever and wherever you are.

**VB1010** Mosaic Bi-Colour LED Panel

63 - continuous Light | Mosaic LED Panel



## mosaic accessories

Colour Control Filter Set



A set of 6 filters for adjusting the intensity or colour temperature of the light output.

**VB1505** Colour Control

Colour Control FX Set



A set of 10 filters for adding colour or cosmetic effects to the light output.

**VB1506** Colour FX

2x1 Panel Joining Kit



For joining two Mosaic units together. Includes joining plate and an extended swivel/tilt yoke.

**VB1515** 2x1 Panel Joining Kit

2x2 Panel Joining Kit



For joining four Mosaic units together. Includes joining plates and a larger swivel/tilt yoke.

**VB1516** 2x2 Panel Joining Kit

3 Pin XLR-RJ45 Adaptor



For Converting a DMX 3 pin Male or Female XLR plug to an RJ45 male plug.

**VB1565** Male to male  
**VB1566** Female to male

Anton/Bauer Battery Plate



For powering Mosaic units from an Anton/Bauer G-mount (or similar) battery.

**VB1555** Anton/Bauer Battery Plate

DMX / Ethernet Cable



DMX / Ethernet cable for linking mosaic units together to form light banks or chains.

**VB1580** 1m cable

1x1 Honeycomb Grid



The Honeycomb Grid changes the Mosaic's beam from a broad, soft flood to a narrower, more concentrated beam.

**VB1503** 1x1 Honeycomb Grid

Ceiling Mounting Kit



For mounting a single Mosaic unit directly to a ceiling or other flat surface.

**VB1517** Ceiling Mount Kit

Mosaic Barn-Door Set



A set of four-leaf barn-doors (top, bottom and sides) for use with a single Mosaic unit.

**VB1500** Mosaic Barn-Door Set

2x1 Panel Barn-Door Set



A set of two-leaf barn-doors (top and bottom) for use with two joined Mosaic units.

**VB1501** 2x1 Panel Barn-Door Set

2x2 Panel Barn-Door Set



A set of two-leaf barn-doors (top, bottom or sides) for use with four joined Mosaic units.

**VB1502** 2x2 Panel Barn-Door Set

5 Pin XLR-RJ45 Adaptor



For Converting a DMX 5 pin Male or Female XLR plug to an RJ45 male plug.

**VB1570** Male to male  
**VB1571** Female to male

V-Mount Battery Plate



For powering Mosaic units from a V-mount fitting battery.

**VB1556** V-Mount Battery Plate

AC Power Cord



6m power cord for use with the AC/DC Adaptor Power Supply Unit.

**VB1541** UK (pictured)  
**VB1540** Euro  
**VB1542** US

2 Panel Padded Carry Case



Padded Bag for 1 or 2 Mosaic panels plus filters, barndoors, batteries and cables. Light stands can be strapped to the front of the bag using the tie straps to create a portable and lightweight 2-light shooting kit.

**VB1525** 2 Panel Padded Carry Case

# fluorescent lighting

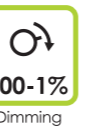
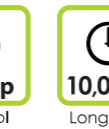
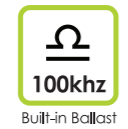
# studiolite

versatility and durability - the all-round light bank of choice.

# studiolite



### Features:



### Lamp options:

### Stay cool

The thermal design and ventilation of the Studiolite DMX ensures very cool running, with stable colour temperature and light output over long operation times without fans. Cool running fluorescent tubes produce little heat so the Studiolite is comfortable for lighting people & perfect for still life.

### Lighting control

Optional accessories such as barn-doors and grids slot quickly into the front of the units to shape or control light to your will.

### Digital Precision

With full DMX in and out control, Studiolites can be controlled remotely or simply from the onboard digital control panel dimming from 100% to 0% and each unit can become a master control for banks of Studiolites linked together via standard RJ45 ethernet/DMX cables. Operating Studiolite DMX lightbanks is quick, easy and intuitive. For photographers the power output display can be easily switched from linear to f/stop units to make metering easy.

### Built in ballast

Each Studiolite unit features a built-in 100KHz electronic ballast to regulate the voltage input and ensure flicker free operation. This makes Studiolite units particularly useful on location where the quality of electricity can be variable.

### Accessorise

Honeycomb grids, Barn-Door sets and filter frames slot quickly into the front of Studiolite units for easy creativity on the fly.

\* SL255DMX & SL455DMX models only.

### Studiolite SL255DMX

The smallest and most portable of the Studiolite DMX range, the two tube SL255DMX produces up to 1500 Lux (@1m) of colour balanced daylight or tungsten light.

The centre mounted yoke allows the unit to be used in the traditional horizontal position and also at 90° and 45°.

- Width: 580mm
- Height: 180mm
- Depth: 145mm
- Weight: 3.5kg
- VB1300** Studiolite SL255DMX Light Bank (230V)
- VB1301** Studiolite SL255DMX Light Bank (117V)

• Add UK, EUR or AUS to the 230V code to ensure the correct power cord is included.

### Studiolite SL455DMX

Mid-sized for a wide variety of uses on photo and video shots in the studio or on location, the four tube SL455DMX creates 3600 Lux (@1m) of brilliant light.

The SL455DMX can be tilted or rotated 90° or 45° on its centre yoke to ensure the light is always where you need it.

- Width: 580mm
- Height: 320mm
- Depth: 145mm
- Weight: 5.4kg
- VB1330** Studiolite SL455DMX Light Bank (230V)
- VB1331** Studiolite SL455DMX Light Bank (117V)

### Studiolite SL855DMX

The most powerful of the Studiolite DMX range, the eight tube SL855DMX delivers an impressive 8000 Lux (@1m) of controllable quality light.

A wide range of vertical tilt is possible from the centre yoke, an optional 'U' bracket is also available for a wider range.

- Width: 580mm
- Height: 595mm
- Depth: 145mm
- Weight: 9.6kg
- VB1360** Studiolite SL855DMX Light Bank (230V)
- VB1361** Studiolite SL855DMX Light Bank (117V)

# studiolite accessories

Studiolite Barn-Door Set



The four leaf barn-door sets for Studiolite DMX models slot simply into the front of the unit for quick and easy control over light spill and direction.

- VB1305** SL255DMX Barn-Door Set
- VB1335** SL455DMX Barn-Door Set
- VB1365** SL855DMX Barn-Door Set

Studiolite Grid



The Studiolite DMX Grid accessories slide quickly and easily into the front of the unit allowing tighter control over the spread of light.

- VB1310** SL255DMX Grid
- VB1340** SL455DMX Grid
- VB1370** SL855DMX Grid

Studiolite Filter Frame



The Studiolite DMX Filter Frame accessory simply slots into the front of the unit and allows gels or filters to be easily clipped to the front of the Studiolite.

- VB1315** SL255DMX Filter Frame
- VB1345** SL455DMX Filter Frame
- VB1375** SL855DMX Filter Frame

Studiolite 'U' Bracket



The optional 'U' Bracket can be used to replace the central yoke. Especially useful when using studiolytes on a ceiling rail system or to adjust the center of gravity over a stand.

- VB1320** SL255DMX 'U' Bracket
- VB1350** SL455DMX 'U' Bracket
- VB1380** SL855DMX 'U' Bracket

Studiolite 'Daylight' Tube Set



Set of four 55W longlife, daylight balanced fluorescent lamps for Studiolyte light banks.  
CRI: >90RA  
Lumens: 3000  
Colour Temperature: 5400K  
**VB1382** Studiolyte 5400K Tube Set.

Studiolite 'Tungsten' Tube Set



Set of four 55W longlife, tungsten balanced fluorescent lamps for Studiolyte light banks.  
CRI: >90RA  
Lumens: 3000  
Colour Temperature: 3000K  
**VB1384** Studiolyte 3000K Tube Set

# COCOON



**A simple, time-saving innovation, the Cocoon makes still-life and product photography lighting easy.**

The Cocoon is a plastic cove made up of four translucent diffusion panels which simply zip together to create an egg shaped cove. It features three photo portholes so you can shoot your product from overhead, at a 45° angle, or horizontally along the seamless curved white background. A contoured black cloth is also supplied as an alternative background.

Unlike perfectly even light boxes, the carefully designed Cocoon shape eliminates the blooming of digital highlights as well as unsightly reflections.

The Cocoon size to image area is specifically designed for the angle of the view and focus needed by a 55-60mm macro lens on a 35mm camera or equivalent lens in medium and large format cameras. Supplied complete with handy stowage bag, it's the most versatile and helpful tool for table-top photographers.

Specifications:  
Width:  
Height:  
Depth:  
Weight:  
Order Code:

Cocoon 70

Medium sized light cove, ideal for products such as jewellery.

43cm (17")  
50cm (19 1/4")  
70cm (27 1/2")  
2.8kg (6.1lbs)  
**BW1600**

Cocoon 130

Large light tent, great for still life & pack shots for catalogues.

86cm (33 3/8")  
100cm (39 3/8")  
140cm (55")  
11kg (24.2lbs)  
**BW1605**

Cocoon 70 Stand

Portable, foldaway support stand for the Cocoon 70 light cove.

86cm (33 3/8")  
100cm (39 3/8")  
140cm (55")  
11kg (24.2lbs)  
**BW3400**

# light tents



# streamlite



### Specifications:

Power	3 x 30W
Lamp	BW3457 (230V) BW3458 (117V)
Diameter	414mm [16 1/4"] inc reflector
Depth	325mm [12 3/4"] inc reflector
Weight	1.95kg [4.3lbs] inc reflector

## Streamlite 330

**For a constant stream of beautiful daylight-balanced light the Streamlite is the perfect choice.**

The ultimate point and shoot light, simply switch on and the three 30W fluorescent bulbs, combined with the detachable white reflector, deliver a wide spread of directional sunlight. The 5600K (±300K) lamps mean no more time consumed on your camera white balance to eliminate the blue or green hues usually associated with fluorescent light.

The 7,000 hour, cool-running, lamps deliver a soft, even light output equivalent to 330W of tungsten light, ideal for situations where the subject matter can be adversely affected by high levels of heat, such as food, or even close-up portraiture.

The Streamlite is supplied with an elasticated diffuser to create an even softer light.

### Order Codes:

- BW3450** Streamlite 330 (230V)
- BW3455** Streamlite 330 (117V)



### Specifications:

Power	5 x 30W
Lamp	BW3457 (230V) BW3458 (117V)
Diameter	460mm [18"] inc reflector
Depth	335mm [12 3/4"] inc reflector
Weight	2.8kg [6.2lbs] inc reflector

## Streamlite 530

**The Streamlite 530 is the 'Big-Easy' of continuous lighting. Five independently controlled spiral lamps make large creative lighting setups a breeze.**

Featuring the same cool-running, long-life lamps as the smaller Streamlite, two additional bulbs mean a total output equivalent up to 550W of tungsten lighting. The unit has five switches on the back so that the lamps can be switched on or off in any configuration required.

The detachable reflector, with its brilliant white surface, comes supplied with an elasticated diffuser which fits quickly and easily on the front for a wide, soft and even light spread.

With its broad daylight balanced light, the Streamlite is the next best thing to the Sun.

### Order Codes

- BW3460** Streamlite 530 (230V)
- BW3465** Streamlite 530 (117V)



Great for food shots.

## Streamlite 330 Kit

**The Streamlite 330 Kit is the perfect portable table-top studio - ideal for product shots, still life and portraits.**

The Streamlite 330 Kit contains two Streamlite 330 lights, each fitted with three low-energy, daylight balanced fluorescent lamps. These highly efficient lamps make each Streamlite 330 as bright as a 330W tungsten lamp. The lights are supported by two portable, foldaway, three section stands.

Streamlites run at low temperatures and so are safe to use even when shooting subjects that are easily affected by heat such as food, flowers and people.

If you want to shoot perfect still life pictures then nothing is simpler or more effective than the Bowens Cocoon. This semi-rigid light tent will give perfect soft, reflection-free lighting for every subject. The Cocoon is made from four translucent diffuser panels that simply zip together.



# streamlite kit



Ideal for product photography.

## Streamlite 330 Kit contents:

- 2 Streamlite 330 Complete with lamps and diffusers.
- 2 Foldaway Support Stands
- 1 Cocoon 70 Light Tent
- 1 Cocoon Support Stand.

## Accessories

- BW3457** 30W 5600K Lamp (230V)
- BW3458** 30W 5600K Lamp (117V)
- BW3456** Replacement 330 Diffuser
- BW3466** Replacement 530 Diffuser



Photo by Chris Reeve • [www.chrisreevephotography.com](http://www.chrisreevephotography.com)

# Hi-Glide

studio rail system

The working studio is a busy place...  
Photographer, models, props and subjects are competing for space with cameras, tripods, lighting stands and cables.

Bowens Hi-Glide can transform even the smallest of studios into an effective and creative shooting environment.

Hi-Glide not only increases your shooting space but also improves safety by reducing the risk of injury or damage to you, your customers and your valuable equipment.

# hi-glide rail system

Remove the need for lighting stands and trailing wires. The Hi-Glide Studio Rail System increases your shooting space and transforms your studio into an efficient working environment.

As well as creating a better working environment Hi-Glide also provides incredible lighting flexibility.

All your lights, accessories, powerpacks and backdrops can all be suspended and positioned exactly where you need them; making the best use of your studio space.

Moving rails allow for quick and easy horizontal positioning while the wide range of adjustable mountings and extension tubes provide full vertical height control.

Locking devices hold everything in place so there is no chance of disturbing your carefully created lighting set-ups.

Hi-Glide can be used in just about any studio with a wide range of accessories to ensure that you can create a set-up that will be perfect for your studio.



## Are you Hi-Glide compatible?

**First**, check whether you have enough clearance height for Hi-Glide to be effective. It is recommended to have a minimum floor-to-ceiling height of 2.8m and ideally 3.5m as the optimum height.

If you satisfy both of these requirements then, congratulations you are Hi-Glide ready.

**Second**, check the ceiling is going to be strong enough to support the weight. Remember that it will have to carry the combined weight of the rail system and all of your equipment.

## The Design.

You will need a minimum of two fixed/static rails which will be attached parallel to each other on the ceiling. These should be placed approximately 1.8m apart so that the moving rail(s), when placed at 90° to the fixed rail, have up to 60cm overhang at each end. If the fixed rails are too far apart the moving rail(s) will only be able to move at right angles to the fixed rails.

For larger spaces, three or more fixed rails can be used; Three fixed rails are recommended when using 4.5m moving rails.

Consider where you want to place your lights when drafting your design.

You may want to always shoot in the same position; though the flexibility of Hi-Glide, creates more adventurous set-ups.

If you draw a plan of your shooting space you can start to design a system that will be right for your needs. Remember that moving rails can move beyond the fixed rails so you will gain shooting space beyond them.



## Step one (Rails)

You should have an idea of how long the rails will need to be for your studio.

If you need longer rails, the fixed rails can always be extended using Rail Joining Plates (BW2633). Moving rails cannot be extended.

At every point where a fixed rail crosses a moving rail you will need a Double Carriage (BW2603) and for stability it is recommended that you use at least one Double Carriage with Brake (BW2620) on each moving rail.



## Step two (Fixings)

It is very important that you use the correct fixings for your ceiling, and that you use enough of them to safely support the weight of the Hi-Glide system and all the equipment being supported.

Always attach to a load bearing part of the structure (wall or ceiling). If the ceiling height is too high, use the Drop Supports to lower the height of the fixed rails so that they are at a correct level. It is important that the fixed rails are level when secured or the moving rails will not stay in position.



## Step three (Rail Attachments)

You will have decided how many items you are going to hang from the rails. Everything will need a carriage to mount it onto the rail.

For lighter weight items use a Single Carriage (BW2604), for heavier items the 6 Wheel Carriage (BW2628) will allow for easier, more fluid movement.

To add items after your Hi-Glide has been installed, you can use the Addalite Carriage (BW2660) which can be fixed to a rail without dismantling the whole system.

# building the system



## Step four (Attaching Lights)

If your lights are always at the same height then a fixed Length Extension Tube can be used along with an additional Adaptor Spigot (BW2652). The Litelift Pantographs allow lights to be easily raised and lowered. Each Litelift is supplied with type 1 & 2 springs, if the item you are mounting weighs more than 5.4Kg you will need additional stronger type 3 & 4 springs.

If you plan to use heavy accessories on your lighting a Centre Of Gravity Bar (BW2622) can be used to adjust the weight balance.

# hi-glide system (Rails, Clamps & Brackets)



Support Rails

Hi-Glide Support Rails are manufactured from structural grade aluminium ensuring a strong, lightweight system. (Rails are supplied in pairs).

- BW2656** Rail 2m [3.5kg per rail]
- BW2600** Rail 3m [5.5kg per rail]
- BW2601** Rail 4.5m [8kg per rail]



Universal Fixing Bracket

The Universal Fixing Bracket is a full set of brackets, rail clamps and fittings to attach rails to a flat or vertical surface either parallel or at right angles to the rail.

- BW2605** Universal Fixing Bracket [600g]



Short Fixing Bracket

For fixing rails to flat ceilings.

- BW2629** Short Fixing Bracket [227g]



Rail Wall Mounting Bracket

This allows a single rail to be mounted from a wall.

- BW2642** Mounting Bracket [1.2kg]



Triple-Rail Wall Mounting Bracket

Up to three rails can be simultaneously connected for mounting perimeter curtains & cycloramas.

- BW2646** Triple Mounting Bracket [2kg]



Back-to-back Clamp

The Back to Back Clamp is used for mounting rails at 90° to the fixing bracket or to each other.

- BW2632** Back-to-back Clamp [374g]



Rail Joining Plate

The Joining Plate is used to increase the length of fixed rails or to join together a perimeter track.

The Joining Plate cannot be used to lengthen moving rails

- BW2633** Joining Plate [314g]



Fixed Rail Clamp with Spigot

This clamp with spigot is used to attach items to the rail system that will not be required to move.

- BW2635** Fixed Rail Clamp [275g]



Adjustable Girder Clamp

The Adjustable Girder Clamp attaches rails to girders (RSJ or I Beams) with widths from 6 to 20cm. (Can be used with BW2632 Back-to-back clamp).

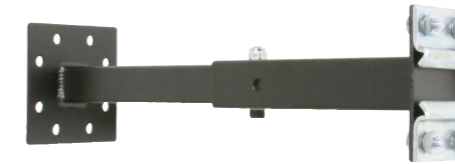
- BW2650** Adjustable Girder Clamp [1.5kg]



Fixed Length Drop Ceiling Support

The fixed length Drop Ceiling Supports allow the rails to be fixed at the correct height for effective operation. (We recommend 3.5m from the floor).

- BW2661** 30cm Drop Ceiling Support [800g]
- BW2662** 60cm Drop Ceiling Support [1.2kg]
- BW2663** 100cm Drop Ceiling Support [1.8kg]



Adjustable Drop Ceiling Support

Designed to be used when ceiling height is uneven or when mounting the Hi-Glide through false or suspended ceilings which would not be able to support the weight.

- BW2666** 30-40cm Adjustable Support [1.2kg]
- BW2667** 50-60cm Adjustable Support [1.4kg]
- BW2668** 100-110cm Adjustable Support [2.2kg]



Scaffold Clamp

The Scaffold Clamp allows rails to be mounted parallel to a standard scaffold pole. (Can be used with BW2632 Back-to-back Clamp)

- BW2626** Scaffold Clamp [502g]

## hi-glide system (Carriages)

Double Carriage



The Double Carriage allows two rails to be attached while still allowing full movement between them.

**BW2603** Double Carriage [392g]

Double Carriage with Brake



The Double Carriage with Brake will stay locked in position and should be used at least one per rail to rail connection to ensure rails stay in their desired position.

**BW2620** Braked Double Carriage [400g]

Single Carriage



The Single Carriage allows equipment to be attached to the rails.

**BW2604** Short Fixing Bracket [400g]

Cable Transfer Runners



Cable Transfer Runners carry the cable along the rails. (pack of five)

**BW2607** Cable Transfer Runners [130g]

Six-Wheel Single Carriage



For heavier items, the Six Wheel Carriage ensures smooth operation.

**BW2628** Six-Wheel Single Carriage [410g]

Six-Wheel Single Carriage with Brake



A braked version of the smooth running Six-Wheel Carriage ensures that your lights stay in their set position.

**BW2648** Braked 6-Wheel Carriage [600g]

Addalite Carriage



This specially designed carriage can be subsequently added to the rail without removing the rail end stops.

**BW2660** Addalite Carriage [399g]

Top-Running Cable Carriage



This transports cables along the top of the rail rather than hanging beneath.

**BW2681** Top Cable Carriage [175g]

## hi-glide system (Pantographs & Accessories)

Standard Litelift Pantograph



The LiteLift extends from 34cm (minimum) to 189cm (maximum) and includes two compensator springs, safety cable and a spring removal key.

**BW2608** Standard Litelift [4.4kg]

Pantograph Springs



Springs ensure that the Litelifts hold their desired position. Higher numbered springs support greater weights. Springs can be used individually or in pairs.

- BW2610** Type 1 Spring [200g]
- BW2611** Type 2 Spring [400g]
- BW2612** Type 3 Spring [400g]
- BW2613** Type 4 Spring [400g]

Short Litelift Pantograph



The short LiteLift has a minimum extension of 28cm and has a maximum of 121cm and is designed for lower ceiling heights. Supplied with two compensator springs, safety cable and spring removal key.

**BW2608/S** Short Litelift [3.4kg]

Extension Tubes



Extension Tubes connect directly to the 5/8th spigot on carriages or below the Litelift for longer drops.

- BW2615** 30cm Extension Tube [400g]
- BW2616** 60cm Extension Tube [600g]
- BW2617** 90cm Extension Tube [1kg]

### Which Springs to use:

The type of spring you will need to combine with the Litelift pantograph will depend on the weight of the equipment you are attaching to it.

Use this table to ensure you have the correct spring combination to safely support your equipment.

Weight (kg)	Spring Combination
1.8 - 2.7kg	1 of Type 2
2.7 - 3.6kg	2 of Type 1
3.6 - 5.4kg	1 of Type 1 & 1 of Type 2
5.4 - 7.3kg	2 of Type 2
7.3 - 8.2kg	1 of Type 3 & 1 of Type 2
8.2 - 9.0kg	1 of Type 3 & 1 of Type 4
9.0 - 10.0kg	2 of Type 4
18 - 20.0kg	4 of Type 4

You can use up to four springs on each Litelift pantograph.

### Example:

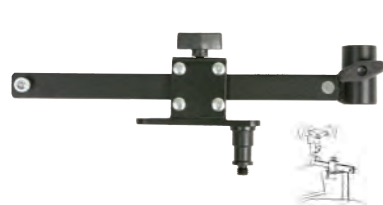
If the lighting equipment you are attaching to the Litelift weighs 15.4kg.

You would need to use two 'Type 4' springs (9.0 - 10.0kg) and two 'Type 2' springs (5.4 - 7.3kg).



## hi-glide system (Accessories)

Centre of Gravity Bar



Some large accessories such as softboxes or spotlights may have a different centre of gravity that can distort the Litelift.

Using the COG Bar restores the centre of gravity to the correct position.

**BW2622** Centre of Gravity Bar [600g]

Background Paper Carrier



A pair of hooks to carry up to three rolls of background paper on a moving rail.

**BW2649** Background Carrier [1.8kg]

Curtain Runners



Use these to connect curtains, canvas or muslin background cloths directly to the Hi-Glide rail.

**BW2634** Curtain Runners [444g]

Quadx Hi-Glide Bracket

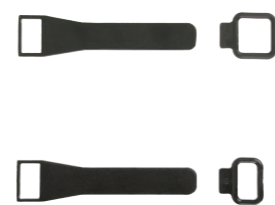


Enables you to mount a Quadx onto a Hi-Glide system away from the floor creating more studio space and helps to remove potentially dangerous trailing power cords.

**BW7680** Quadx Bracket [2.4kg]

## hi-glide system (Accessories)

Cable Fixing Kit

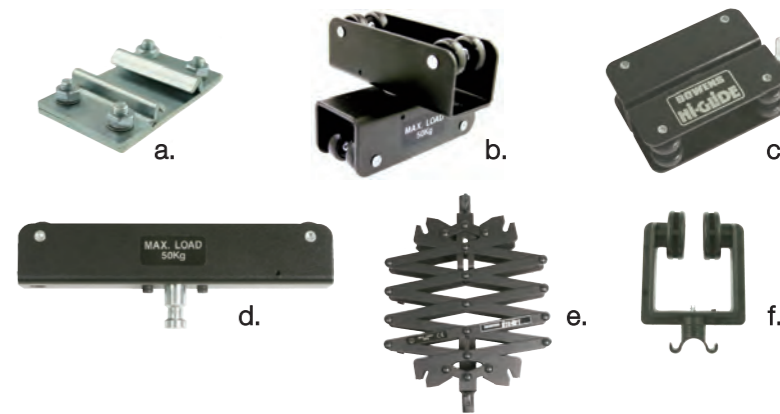


Tool and set of 10 bands to attach mains cables to the outside of Litelift Pantographs and Cable Transfer Runners.

**BW2618** Small Band Kit [27g per pack]

**BW2625** Large Band Kit [29g per pack]

## hi-glide starter kit



*Here is an easy way to get started with the Hi-Glide system.*

This set contains everything (except rails) to create a three head Hi-Glide system. It is also a good basis for many other Hi-Glide configurations and is great for most small to medium sized studios.

Kit contains:

- A.** 6 of BW2629 Short Fixing Bracket.
- B.** 2 of BW2603 Double Carriage.
- C.** 2 of BW2620 Double Carriage with Brake.
- D.** 3 of BW2604 Single Carriage.
- E.** 3 of BW2608 Litelift Pantograph (inc springs, safety cable, spigot & cable fixings).
- F.** 5 of BW2607 Cable Transfer Runners

**BW2630A** Hi-Glide Starter Kit (excluding rails)

See page 68 for details on Hi-Glide rails.

Set of End-Stops



A set of End Rail Stops.

Includes eight end stops plus all necessary screws and bolts.

**BW2606** End Stops [74g]

Adaptor Spigot



This converts the female end of the Extension Tubes or Litelift Pantographs to a male spigot for attaching lighting units.

**BW2609** Adaptor Spigot [86g]

Spring Adjustment Key



A Spring Removal Key should always be used when altering the tension of a spring when attached to a Litelift.

**BW2614** Spring Adjustment Key [50g]

Safety Cable



A single Safety Cable should be used for all connections on Hi-Glide system; lights to pantographs, pantographs to carriages, carriages to rails etc.

**BW2619** Safety Cable [57g]

Spring Retaining Clip



Spare Retaining Clip for securing springs to Litelift pantographs.

**BW2699** Spring Retaining Clip [16g]

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