

HIRE • SALES • INSTALLATION • SERVICE

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# WHITE LIGHT

Reference Guide V1.1



WHITE LIGHT

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Introduction

## About White Light

Founded in 1971, White Light now has more than thirty-five years experience in supplying creative lighting solutions to the entertainment and live event industries.

Our heritage is in theatre: our first job was the transfer of *The Rocky Horror Show* from the Royal Court Theatre Upstairs to the Kings Road Theatre. We still supply tours of that show to this day - as well as supplying equipment to shows of all types and scales, whether two lights to a school play or fringe production or a complete rig to the largest West End musicals. As we have done throughout our history, we aim to provide lighting designers with the tools and technology they need to realise their visions.

While some still think of us as just a theatrical lighting hire company, our work now spreads far beyond this into every area where lighting is used as part of entertainment. Our Sales team can supply anything from a single sheet of colour to a complete lighting rig - including installation, if required. Our Service engineers maintain and support dimmers, lighting desks and other equipment for theatres around the country either as required or through long-term service contracts.

We also offer a complete lighting service, with our Live Events Lighting team able to design, specify, install and crew corporate, event or party projects as well as supplying the lighting equipment itself and taking care of all of the health and safety and risk assessment documentation that such projects now require. Through our Training Initiative training and education programme we work to ensure that those working in the industry are kept as up-to-date as possible with the latest equipment. And where nothing exists to fill a particular need, we make products of our own, notably our VSFx optical effect system, in use on shows around the world.

Put all of this together and you have White Light in the twenty-first century, a multi-faceted company employing over one hundred people in Wimbledon. Our online lighting shop, [www.lxstore.com](http://www.lxstore.com), offers online access to smaller items from our extensive sales stock. While our website, [www.WhiteLight.Ltd.uk](http://www.WhiteLight.Ltd.uk) is a comprehensive guide to both the products and services.

In these changing times, both at home and in the world at large, White Light provides a familiar touchstone offering superb service and support as it has done for more than three decades.



Introduction - other lighting services offered by White Light

## Live Events Lighting

We offer a complete lighting service for corporate productions, events, parties and more, with our corporate events lighting teams offering any combination of equipment rental, lighting design, equipment specification, installation, crewing and operation, including taking care of health and safety and risk assessment documentation.

Tel: 020 8254 4870

Fax: 020 8254 4871

Email: [Live-Events@WhiteLight.Ltd.uk](mailto:Live-Events@WhiteLight.Ltd.uk)

Web: [www.WhiteLight.Ltd.uk/corporate-events](http://www.WhiteLight.Ltd.uk/corporate-events)





## Installation

As well as supplying new lighting equipment via our Sales team, we have built a strong reputation for supplying and installing complete lighting systems, whether updating older installations or installing new ones.

Whatever your lighting installation needs, our experienced Projects team will meet or exceed your requirements on time and on budget.

Tel: 020 8254 4840

Fax: 020 8254 4841

Email: [Projects@WhiteLight.Ltd.uk](mailto:Projects@WhiteLight.Ltd.uk)

Web: [www.WhiteLight.Ltd.uk/installation](http://www.WhiteLight.Ltd.uk/installation)





Introduction - other lighting services offered by White Light

## Technical Services and Service Contracts

Whether it's a simple manual lighting controller or a complex, thousand-dimmer installation, a smoke machine or the very latest moving light, at some point it will need care and attention, either service or repair. We can help!

Our Service team has experience of an enormous range of equipment, gained supporting our rental stock and the equipment of the many theatres and other installations around the country that choose us to service and support their equipment.

Tel: 020 8254 4740

Fax: 020 8254 4741

Email: [Service@WhiteLight.Ltd.uk](mailto:Service@WhiteLight.Ltd.uk)

Web: [www.WhiteLight.Ltd.uk/service](http://www.WhiteLight.Ltd.uk/service)





## The Training Initiative

The Training Initiative is our popular training and education scheme, established as a way of sharing our collective knowledge with the rest of the industry.

The Training Initiative runs regular courses covering many areas of lighting technology that allow anyone involved in lighting - students, those involved in amateur theatre or those working professionally - to broaden their skills in particular areas or their familiarity with particular items of equipment.

We also run a popular series of Schools Lighting masterclasses, introducing school pupils and teachers to the possibilities offered by entertainment lighting.

Full details of scheduled courses can be found either on the White Light website or on [www.LXstore.com](http://www.LXstore.com), where you can book training online.

Tel: 020 8254 4800

Fax: 020 8254 4801

Email: [Training@WhiteLight.Ltd.uk](mailto:Training@WhiteLight.Ltd.uk)

Web: [www.WhiteLight.Ltd.uk/training](http://www.WhiteLight.Ltd.uk/training)



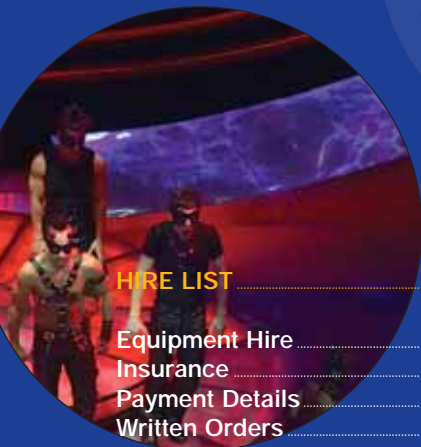


Introduction

**Notes:**

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HIRE • SALES • INSTALLATION • SERVICE



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## Equipment Hire

Our equipment is available to customers by pre-booking. To help us offer the best possible service to all of our customers we appreciate as much notice as possible. This also helps us provide our service at the most competitive prices.

Equipment can be collected from our London premises, or we can arrange delivery direct to the venue anywhere in the UK, and even around the world!

We do not restrict ourselves to any particular area of lighting production, having always worked across a diverse range of environments and situations. We are always interested in new markets and would be pleased to discuss your requirements.

We are constantly adding new equipment to our hire stock; please call us if you require something not listed in this hire reference guide.

Please contact our Hire team for friendly advice, assistance and quotations. We also have a fully equipped demonstration room if there is any equipment that you wish to look at prior to ordering.

For larger projects we have a production facility that is available for pre-rigging the equipment for tours or major installations.

All of our equipment is prepared to the very highest standards and is tested in accordance with the Electricity at Work regulations 1989.

Each lantern is supplied with a hook clamp or spigot as specified, safety bond and colour frame. All other accessories and cable must be ordered separately.

Spare lamps are supplied with every hire consignment. Blown or used lamps must be returned for inspection otherwise they will be charged for.

All equipment hired is subject to our standard terms and conditions which can be found on page c1 of the [Terms & Conditions](#) section of this Reference Guide.



## Hire List

This section is a record of the equipment available for hire from White Light at the time of publication. Technical data pertaining to a particular piece of equipment may be available in the *Technical Reference* section of this Reference Guide.

## Insurance

As per our conditions of hire, it is the hirer's responsibility to ensure that the equipment is fully covered once it has left either White Light's premises or vehicles. White Light can waive this requirement for an additional payment – please ask for details.

## Payment Details

When we quote you a price for your hire, the price quoted will be exclusive of V.A.T. The standard hire rate is for a one-week period. We try to be as flexible as possible with the actual hire period. Please talk to the Hire team for a quotation.

Payment for hire orders will need to be made prior to delivery or collection unless you have credit facilities with White Light. A suitable deposit may also be requested. We are able to accept all of the major credit and debit cards (except American Express and Diners Club). We also require proof of identity in the case of non-account hires.

## Written Orders

It greatly assists the Hire team and reduces the risk of error if all orders are confirmed in writing. This can be by post, fax or email.

## Out of Hours Service

White Light operates a full out of hours service for emergencies with staff contactable by mobile phones. In the first instance please call the relevant office number, and follow the instructions on the answering machine.

## Prices

We aim to satisfy your design requirements and can work within your budget to offer affordable equipment that allows you to realise your aspirations. This reference guide should be used as a checklist to ensure that you have the equipment that you require.



## Hire List

The ETC Source Four has become the standard profile spot for professional and amateur users alike. In 2006 ETC introduced several new lens tubes, all compatible with existing Source Four lamphouses.

We also stock profiles from other manufacturers, including the Pacific range from Selecon with its popular 45°/75° zoom and the 90° lens tube that can be invaluable for gobo washes from a short throw.

## Profile Spots – Fixed Beam

ETC Source Four 5° (360mm frame) .....	575/750W
ETC Source Four 10° (290mm frame) .....	575/750W
ETC Source Four 14/70/90° (190mm frame) .....	575/750W
ETC Source Four 19/26/36/50°(160mm frame) .....	575/750W
Selecon Pacific 20/30/40/50/90° .....	1000W

## Profile Spots – Zoom

CCT Minuette 17°-35° .....	500/650W
Strand Cantata 11°-26° .....	1200W
Strand Cantata 18°-32° .....	1200W
Strand Cantata 26°-44° .....	1200W
ETC Source Four Junior Zoom 25°-50° (160mm frame) .....	575W
ETC Source Four Zoom 15°-30° (190mm frame) .....	575/750W
ETC Source Four Zoom 25°-50° (190mm frame) .....	575/750W
Selecon Pacific 45°-75° .....	1000W

## Profile Spots for Special Applications

Altman Micro Profile .....	50W
Robert Juliat Quincy 16°-28° .....	MSR 575W
Robert Juliat D'Artagnan .....	HMI 2500W
Enliten Callisto Exterior Profile .....	CDM 150W
Selecon Pacific Discharge Source .....	MSR 575W
Selecon Pacific 80V Option .....	1200W 80V

[Hire List](#)

## Accessories for Profile Spots

Iris Diaphragm

Gobo Holder for glass or metal gobos

Top Hat & Half Top Hat

Colour Extender for Source Four

Beam Bender divertor mirror for Source Four

Donut for Source Four

We still have a stock of older units such as the Strand Pattern series available for period lighting, please call to discuss your requirements.

Our range of soft-edge fixtures, PARs, beamlights and floods, covers many manufacturers and fixture types – a selection of the most popular is shown below, with the lens diameter noted where appropriate:

## Fresnel Fixtures

CCT Minuette 18°-74° 100mm .....	500/650W
ADB/CCT Starlette 1K 15°-65° 150mm .....	1000W
ADB 2K 16°-50° 200mm .....	2000W
Strand Cantata 8°-50° 150mm .....	1000W/1200W
Strand Cadenza 7°-62° 200mm .....	2000W
Arri Junior 2K 11°-56° 175mm .....	2000W
Strand Alto 7°-62° 200mm .....	2000/2500W
Arri Studio 5K 15°-51° 300mm .....	5000W
Strand Pollux 15°-51° 275mm .....	5000W
Strand Bambino 14°-60° 250mm .....	5000W
Selecon Acclaim Fresnel 125mm (PC Lens Available) .....	500/650W

## Pebble Convex Fixtures

Strand Cantata 4°-49° 150mm .....	1000W/1200W
Strand Cadenza 4°-61° 200mm .....	2000W
Strand Alto 4°-58° 200mm .....	2000/2500W

## Accessories for Fresnel & PC Fixtures

Barn Door



## Hire List

## PAR Lamps

(Please see the *Technical Reference* section - Lamp Reference Guide page r20 and r21 for information on Beam angles on PAR range of lamps)

ETC Source Four PAR EA .....575/750W

ETC Source Four PAR MCM (Dichroic reflector) .....575W

Source Four PARs are available with VNSP, NSP, MFL, WFL & XWFL lenses.

PAR 64/CP60 VNSP (Orange) .....1000W

PAR 64/CP61 NSP (Mauve) .....1000W

PAR 64/CP62 MFL (Brown) .....1000W

PAR 64/EXG WFL (Grey) .....1000W

PAR 64/CP95 XWFL (Yellow) .....1000W

Colour indicates identification label on yoke.

PAR 64/RAY VNSP 240V .....500W

PAR 64/Aero VNSP 28V .....250W

Aeros are used as 8-unit sets wired in series. A splitter box is supplied with each set.

PAR 56 Narrow/Medium/Wide .....300W

PAR 36 Pinspot 6V c/w integral transformer .....30W

PAR 36 Pinspot 4-way bar .....120W

PAR 36/Aero VNSP 28V .....250W

Aeros are used as 8-unit sets wired in series. A splitter box is supplied with each set.

PAR 16 Birdie MR-16 12V .....50/75W

12V transformers are available from 75 – 500VA.

## PAR Options

Long or short nose

Hanging or floor trunions

Black or silver finish

All our PAR Cans are fitted with CE approved ParSafes

Barndoors

Top Hats

Half Top Hats

2.3m 6 Lamp Bars c/w PAR 64 or Source Four PAR are available with Socapex or Lectriflex connectors.

## Beam Lights

Strand 240mm 24V CS lamp c/w integral transformer .....500W

Strand 330mm 24V CS lamp c/w integral transformer .....1000W

R&V 220mm 24V CS lamp c/w integral transformer .....500W

R&V 350mm 24V CS lamp c/w remote transformer .....1000W

All of our Beam Lights are available configured for use as followspots.



Hire List

## Floodlights

Mini Flood symmetric flood .....	300W
Strand Coda asymmetric cyc flood .....	500W
ADB AC1001 asymmetric cyc flood with cassette .....	1000W
L&E BroadCyc asymmetric adaptable cyc flood .....	500/1000W
Redhead 3200k Studio Flood .....	800W
Blonde 3200k Studio Flood .....	2000W
Iris 1 1-circuit cyc top unit .....	1 x 1000/1250W
Thomas Mini Brute PAR 36 4-lite .....	4 x 650W
Thomas Mini Brute PAR 36 8-lite .....	8 x 650W
Event Uplighter .....	75W
Halogen outdoor flood, 16A .....	300/500W
Halogen outdoor flood, 16A .....	1000W
IP65 Fluorescent Fitting 1200mm, 16A .....	36W
MBI outdoor flood, 16A .....	250/400W

A range of white and coloured lamps are available to fit the MBI floods.

## Groundrows/Battens

Strand Coda 4 4-Circuit asymmetric batten .....	4 x 500W
Thomas 4 Circuit asymmetric batten .....	4 x 1000W
Iris 2 2-circuit cyc top unit .....	2 x 1000/1250W
Iris 4 4-circuit cyc top unit .....	4 x 1000/1250W
L&E Mini-Strip 1-Circuit 120V MR-16 Batten (0.72m) .....	1 x 500/750W
L&E Mini-Strip 2-Circuit 120V MR-16 Batten (1.34m) .....	2 x 500/750W
L&E Mini-Strip 3-Circuit 120V MR-16 Batten (1.96m) .....	3 x 500/750W
L&E Mini-Strip 4-Circuit 120V MR-16 Batten (2.58m) .....	4 x 500/750W
L&E Mini-Strips are supplied with series splitters.	
Robert Juliat Dimmable Fluorescent 1200mm .....	36W
Howard Eaton Lighting Dimmable Fluorescent 1500mm .....	2 x 58W
ETC Source Four Multipar 12 Cell .....	12 x 575/750W

## Light Curtains

ADB-Svoboda 9 x 24V Crown Silvered Lamps .....	2250W
DHA Digital Light Curtain PAR 56 light curtain with integral rotor and colour scroller, available in 6 or 8 lamp version .....	1440/1920W



## Discharge Source Lighting

Exhibition Source Four PAR .....	CDM 150W/MSR 575W
Wybron Eclipse DMX douser for Source Four PAR	
Arri Compact fresnel .....	1.2/2.5/4kW
Philips Arena Vision IP65 floodlight (Med/Wide), 16A .....	MHD 1800W
Robert Juliat Jalousie DMX dimmer shutter for HMI fresnel	
Licht Technic Dark Vader DMX dimmer shutter for HMI fresnel	

## Follow Spots

ETC Source Four 10° Tungsten .....	750W
Robert Juliat Margot 8.5°-16° Tungsten .....	2500W
Robert Juliat Alex 7°-14° Tungsten .....	2500W
Robert Juliat Foxie 10°-22° .....	MSD 700W
Robert Juliat Buxie 10.5°-22.5° .....	MSD 575W
Robert Juliat Super Korrigan 7°-14.5° .....	HMI 1200W
Robert Juliat Aramis 4.5°-8° .....	HMI 2500W
Robert Juliat Cyrano 3°-8° .....	HMI 2500W
Lycian 1293 0.5°-3° .....	Xenon 3000W
Robert Juliat Lancelot Arena followspot 2°-5° .....	HTI 4000W

## Followspot Accessories

All Followspot kits include a braced stand, colour magazine and dimmer where required.

## Outdoor Lighting

Halogen outdoor flood, 16A .....	300/500W
Halogen outdoor flood, 16A .....	1000W
IP65 Fluorescent fitting 1200mm, 16A .....	36W
MBI outdoor flood, 16A .....	250/400W

A range of white and coloured lamps are available to fit the MBI floods.

Philips Arena Vision IP65 floodlight (Med/Wide), 16A .....	MHD 1800W
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Festoon Harness, 16A 10m-300mm spacing & 50m-1m spacing

A range of white and coloured lamps of varying wattage are available to fit the festoon harness, which are supplied as sales items.

**Flight Dome – cased protective dome for automated units**

Please refer to Color Changer and LED sections for more IP rated fixtures.



## Lighting Kits

These are just two examples of lighting kits that we can offer. In this instance h/c is the abbreviation for 'Hook Clamp', s/b for "Safety Bond". Please contact us for details.

### Six Light Kit

- 2 x 500W Profile Spots c/w h/c, s/b & colour frame
- 4 x 500W Fresnels c/w h/c, s/b, colour frame & barndoor
- 6 x 10m 15A TRS cables
- 1 x 6-way Dimmer Rack c/w 13A plug
- 1 x 6-way Control Desk c/w 20m control cable
- 2 x 4m Telescopic stands and T bars

### Twelve Light Kit

- 4 x 500W Profile Spots c/w h/c, s/b & colour frame
- 8 x 500W Fresnels c/w h/c, s/b, colour frame & barndoor
- 10 x 10m 15A TRS cables
- 10 x 20m 15A TRS cables
- 2 x 6-way Dimmer Rack c/w 13A plug
- 1 x 12-way Control Desk c/w 20m control cables
- 4 x 4m Telescopic stands and T bars

## Automated Lighting

*(Please see the [Product Reference](#) and [Technical Reference](#) sections - Moving Light Reference Guide pages 11-14 for further details)*

### Spot Units

City Theatrical Source Four Autoyoke & scroller .....	575/750W
ETC Source Four Revolution .....	77V 750W
Martin MAC 250 .....	MSD 250W
Martin MAC 500 .....	MSR 575W
Martin MAC 700 .....	HTI 700W
Martin MAC 2000 .....	MSR 1200W
Martin MAC 2000 Performance .....	MSR 1200W
High End Studiospot 250 .....	MSD 250W
High End Studiospot 575 CMY .....	MSR 575W
Vari-Lite VL1000TS .....	1000W
Vari-Lite VL1000AS .....	MSR 575W
Vari-Lite VL2000 Spot .....	MSR 700W



## Hire List

Vari-Lite VL3000Q Spot .....	MSR 1200W
Vari-Lite VL3500Q Framing spot .....	MSR 1200W

**Wash Unit**

Strand Pirouette PC .....	2000/2500W
Clay Paky Alpha Wash Halo .....	1000W
Clay Paky Alpha Wash 1200 .....	MSR 1200W
Martin MAC 300 .....	MSD 250W
Martin MAC 600 .....	MSR 575W
Martin MAC 700 .....	HTI 700W
Martin MAC 2000 Wash .....	MSR 1200W
Martin MAC TW1 .....	80/1200W
High End Studio Color 575 M/S .....	MSR 575W
High End Studio Beam .....	MSR 700W
Vari-Lite VL500 Range .....	1000/1200W
Vari-Lite VL2000 Wash .....	MSR 700W
Vari-Lite VL2500 Wash .....	MSR 700W
Vari-Lite VL3000Q Wash .....	MSR 1200W

**Moving Mirror Fixtures**

High End Trackspot .....	250W
Martin Imagescan .....	MSD 250W
High End Technobeam .....	MSD 250W

**Other Automated Fixtures**

DHA Digital Beamlight 2 .....	500W
DHA 6/8 lamp Digital Light Curtain .....	1440/1920W
DHA 6/8 lamp Pitching Digital Light Curtain .....	1440/1920W
GLP Impression Moving Head LED Fixture	



## Hire List

## Colour Changers

Martin RoboColour Pro 400 .....	MSD 250W
Studio Due City Color 400 IP66 .....	2 x CDM 150W
Studio Due City Color 2500 IP54 .....	MHD 2500W
Clay Paky CP400 .....	MSR 400W
Rainbow 11 colour scroller (11 frame) for PAR 64 etc	
Rainbow 2/16 scroller (16 frame) for PAR 64 etc	
Rainbow Plus scroller (16 frame) for 5kW fresnels etc	
Rainbow scroller (16 frame) for PAR 36 8-lite (mini brute)	
Rainbow 6" Pro scroller (33 frame) for Source Four etc	
Rainbow 8" Pro scroller (33 frame) for PAR 64 etc	
Rainbow 12" Pro scroller (25 frame) for 2kW fresnels etc	
Rainbow 15" Pro scroller (25 frame) for larger fixtures	
Rainbow Maxi PSU & splitter box (up to 24 units, 2/4 outlets)	
Rainbow Micro PSU & splitter box (up to 6 units, 1 outlet)	
Wybron ColorRam 4" scroller for Source Four etc (up to 32 frames)	
Wybron ColorRam 7.5" scroller for PAR 64 etc (up to 32 frames)	
Wybron ColorRam 10" scroller for larger units (up to 24 frames)	
Wybron CXI 4" colour mixing scroller for Source Four etc	
Wybron CXI 7.5" colour mixing scroller for PAR 64 etc	
Wybron CXI 12" colour mixing scroller for larger fixtures	
Wybron ColorRam Power supply (12 or 24 units)	

## White Light Standard Scroll for Rainbow scrollers

Frame No.	Colour #	Description
0	R 54	Special Lavender
1	R 25	Orange Red
2	R 312	Canary Yellow
3	R 339	Broadway Pink
4	R 21	Golden Amber
5	L 204	Full CT Orange
6	R 03	Dark Bastard Amber
7	R 13	Straw Tint
8	R 00	Clear
9	L 202	Half CT Blue
10	L 201	Full CT Blue
11	L 200	Double CT Blue
12	R 68	Sky Blue
13	R 385	Royal Blue
14	L 120	Dark Blue
15	R 349	Fisher Fuchsia



Hire List

## LED Source Fixtures

EvenLED Cyc Tile 1m<sup>2</sup>

GLP Impression

Thomas PixelPar 90L (Silver)

Thomas PixelLine 1044

Pulsar ChromaStrip 2

Pulsar ChromaBank

Chroma-Q Color Block DB4

A full range of accessories are available for the Color Block range including 5 & 30-way PSU and various mounting brackets.

Color Kinetics Colorblast, Colorblaze 48

Chroma-Q Color Web 250

Chroma-Q Color Punch IP65

Our range of LED fixtures is increasing rapidly – please call for details.

## Special Effects

### Strobes

Sparkle/Egg Strobe (Random Units)

40W Strobe

Anytronics Megastar (DMX)

Martin Atomic (DMX)

High End Dataflash (DMX)

Source Four Strobe - high power profile (DMX)

Bowens Photographic Flash Unit

Arcline 0.8/1.8m High speed blue strobe tube & controller

Pulsar Flexiflash 10M clear strobe tube & controller

### Pyrotechnic Effects (Le Maitre)

*(Please see the [Product Reference](#) section page p23 for summary of cartridges etc for use with these systems and the [Technical Reference](#) section page r50/r51 for further information)*

Flash Box/Angled Flash Box

Confetti Cannon

Bomb Tank

2-way Controller

6-way Controller

### Fuzz Lights/Rotating Beacon

Green/Blue/Red/Amber Fuzz Lights

### Mirror Balls

300mm/500mm/600mm mirror ball with rotator

1m mirror ball with heavy-duty rotator



## Hire List

**Bubble Effects**

Antari B200 bubble machine (DMX)

Bubble fluid should be purchased as a consumable item.

**Projector/Disco Effects**

Martin Mania DC1 effect unit .....	100W
PyschoLight Oil Wheel projector .....	150W
Martin Destroyer .....	250W

**Ultra Violet**

UV tube and fitting 1200mm .....	36W
UV cannon .....	400W
Wildfire UV flood .....	400W
Altman 250 short throw UV flood .....	250W
Altman 705 long throw UV flood .....	400W
Altman 703 UV fresnel .....	400W
Labino 135 very narrow UV spot (4°) .....	35W

NB. Care should be taken when using the more powerful UV units. People should stand no closer than 3m to the lamp and exposure time should be monitored. UV fittings are not to be run from dimmers - dimmer shutters are available.

**Snow**

1200mm WL falling snow machine varispeed DMX (creates 'curtain' of dry falling snow.)

*(Please see the [Product Reference](#) section page P1)*

1800mm Pacman falling snow machine (creates 'curtain' of dry falling snow.)

Little Blizzard snow machine (creates blizzard effect using a liquid & foam mixture.)

Snow fluid and powder should be purchased as a consumable item.

**Smoke Machines**

Look Solutions Tiny Fogger (battery powered) c/w charger, fluid and remote

Look Solutions Tiny Compact (battery powered) c/w charger, fluid and remote

Look Solutions Power Tiny (battery powered) c/w charger and fluid

Look Solutions Viper NT 1.3kW DMX

Look Solutions Viper 2.6kW DMX

Look Solutions Orka 9kW DMX

*(Please see the [Product Reference](#) section page P5 for further details)*



## Hire List

### Accessories for Smoke Machines

Ducting Adapters

Ducting (3m lengths)

It is important that the correct smoke fluid is used for each machine. Incorrect fluid can damage it. All smoke and haze fluid should be purchased as a consumable item.

### Haze Machines

Look Solutions Unique DMX Hazer

Cirrolite Strata (with remote compressor)

MDG Atmosphere (requires liquid CO<sub>2</sub>)

### Low Smoke Machines

Jem Glaciator/Glaciator X-Stream DMX – self-contained system

Le Maitre Freeze Fog Pro – uses CO<sub>2</sub> to chill smoke from a Viper 2.6

### Dry Ice Machines

Peasouper small dry ice machine

City Theatrical SS6000

We are unable to supply dry ice but can recommend suppliers.

### Wind Machines

Desktop fan

Bowens Jetstream Fan

Jem AF 1 DMX Fan

Reel FX REII Turbo variable-beam fan

Reel FX REIII Turbo variable-beam DMX fan

### Starcloths

Martin RoboColour Pro 400 fibre-optic light source DMX

### Moving Effects

*(Please see the Gobos section page G3 for further details)*

Rosco Animation Effect – fixed/varispeed please specify fixture

Rosco Rotating Gobo Unit – fixed/varispeed please specify fixture

Rosco Yoyo+ +

Rosco Varispeed DC Controller DMX

WL Flame Flicker Effect for P123/Prelude etc

Mini Tubular Ripple ..... 500W

Tubular Ripple ..... 1250/2000W

GAM Film FX available with various film loops

City Theatrical EFX2+ available with various discs

[Hire List](#)

## Effects Projection

### VSFX Optical Effects System

In conjunction with a suitable projector and lens, the VSFX projects a range of realistic moving effects. Its speed and direction can be remotely controlled by DMX or +/- 10V. The VSFX is available for sale, as well as for hire.

*(Please see the [Product Reference](#) section page p2 for details)*

#### VSFX Optical Effect Drive

#### VSFX DMX Optical Effect Drive

NB. These effects, in common with all motorised units, should not be run from a dimmer. The motor should be connected to a 240V independent supply and must be running before the lamp is powered up to avoid damage to the glass. This damage will be charged for.

### Effects Projectors

Strand Patt 252 effects projector .....	2000W
Strand Cadenza effects projector .....	2000W
CCT Starlette effects projector .....	2000/2500W
Strand Toccata effects projector .....	2000/2500W
ETC Source Four PAR MCM with adaptor plate .....	575W
White Light effects projector 350/325LFX .....	2000/2500W

### Standard Effects Discs

Fleecy Cloud, Storm Cloud, Thunder Cloud, Rain, Snow, Flame, Running Water, DHA Nimbus, DHA Cumulus, DHA Cirrus, Chromosphere, Psychedelic.

### Non-Standard Effects Discs

We have a range of interesting discs including comets, fish and skeletons. We can also create custom discs; please call for details.

### Lenses

*(Please see the [Technical Reference](#) section - VSFX Optical Effects chart on page r34 to calculate which lenses you need)*

6.5cm, 10cm, 15cm lenses

Source Four lens 10°, 19°, 26° c/w adaptor

Slide carrier for 82.6mm slides

Adjustable Mask

Beam Diverter Mirror



## Hire List

### Large Format Slide Projectors

Projectors for 180mm slides or image scrolls offering a very high quality image.

Pani BP2500 Halogen Projector .....2500W

PIGI MK2 single scroller

Pani Manual Slide Changer

Pani Lenses

Beam Diverter Mirror

### Mains Distribution & Cabling

White Light stocks a range of flight cased distribution designed for touring use, mainly based around 63A 3Ø inputs. Most of these units have 13/15/16A auxiliary sockets in addition to the main outputs.

Our "E" range of distribution is designed to satisfy the particular requirements of temporary power distribution for outdoor and temporary events, incorporating more RCD protection.

All single pole high-current connectors are from the "Powerlock" range, coded in accordance with the Harmonised colour system (BS7671 Amendment 2 March 2004).

*(Please see the [Technical Reference](#) section pages 138-45 for further details or call to discuss your needs with a member of the Hire team)*

#### Flight cased distribution

Type 1 63A 3Ø in/6 x 63A 1Ø out

Type 2 63A 3Ø in/3 x 63A 1Ø + 1 x 32A 3Ø out

Type 3 63A 3Ø in/3 x 63A 3Ø + 1 x 32A 3Ø out

Type 4 63A 3Ø in/3 x 32A 3Ø + 3 x 32A 1Ø out

Type 5 63A 3Ø in/1 x 63A 3Ø out (available with RCD)

Type 6 3Ø Powerlock in/thru 6 x 63A 3Ø + 1 x 32A 3Ø out (variable MCCB/RCD)

Type 7 3Ø Powerlock in/thru 3Ø Powerlock + 1 x 32A 3Ø out (variable MCCB/RCD)

Type 10 63A 1Ø in/2 x Socapex + 2 x 16A 1Ø out

Type 11 63A 3Ø in/6 x Socapex + 2 x 16A 1Ø out

Type 12 63A 3Ø in/3 x Socapex + 1 x 16A 1Ø out

Type 14 32A 3Ø in/3 x 32A 1Ø out

6-way MCB/RCD with Lectriflex out



## Hire List

### “Event” Style HDPE/Rubber Box distribution

63A 1Ø in/6 x 16A 1Ø + 3 x 32A 1Ø out

Type 4E 63A 3Ø in/3 x 32A 3Ø (MCB) + 3 x 32A 1Ø + 3 x 16A 1Ø out (RCBO)

Type 9E 63A 3Ø in/18 x 16A 1Ø out (RCBO)

Type 14E 32A 3Ø in/3 x 32A 1Ø out (RCBO)

32A 3Ø in/6 x 16A 1Ø out (RCBO)

K9 32A 1Ø in/4 x 16A 1Ø out (MCB)

### Mains Cable

Standard cable lengths are 2, 3, 5, 10, 15, 20 and 30m

1.5mm<sup>2</sup> 13A TRS cable

1.5mm<sup>2</sup> 15A TRS cable, 15A Grelco, Trelco

1.5mm<sup>2</sup> 16A TRS cable, 16A 2/3-way splitters

2.5mm<sup>2</sup> 16A arctic blue cable

4mm<sup>2</sup> TRS cable (30A CEE 17) for 5K units

30A 1Ø and 3Ø TRS cable

60A 1Ø and 3Ø TRS cable

125A 3Ø TRS cable

200A/300A/400A 3Ø Powerlock cable

Mains tails to lugs/bare ends

A full range of adaptors are available.

### Multicore Cable

White Light stocks both Socapex and Lectriflex (Harting) 6-circuit 1.5mm<sup>2</sup> multicore cable, together with a full range of 15A and 16A spiders (fan in/fan out), stageboxes and internally wired 2.3m bars.



## Control Equipment

White Light stocks a large range of control equipment from the most basic desks and dimmers, up to the latest and most sophisticated memory consoles and touring dimmer racks. Please call to discuss your requirements with a member of the Hire team.

### Lighting Control - Desks

DMX512 has become the standard for lighting data, with larger consoles also offering a variety of Ethernet based protocols to allow multiple universes of DMX to be distributed and controlled.

6/12/18 channel manual desk  
LSC Minim 24 channel desk  
Jands Event 408/416 DMX memory desk  
ELC Sidekick Universal DMX Faderboard  
Avolites Pearl 2004  
ETC Express 48/96  
ETC Express 250  
ETC Obsession Range (600/1500/2)  
ETC Ion  
ETC EOS Range  
Strand Lighting 520/530/550 Console 800 channel  
Strand Lighting 510 Back-up Console  
Jands Echelon 1000  
High End Hog PC Range  
High End Whole Hog 2  
MA Lighting grandMA range inc MA Media Server

### Lighting Control - Dimmers

#### Small Dimmer Racks:

Anytronics K100 1 x 10A manual dimmer  
Anytronics K160 1 x 16A dimmer (DMX)  
ET Bak Pak 1 x 5A IGBT dimmer/switchpack (DMX)  
Zero 88 Alphapack 3 x 5A dimmer (DMX)  
6 x 10A dimmer pack (DMX and +/- 10V analogue) 63A 1Ø input  
Arri 6 x 5kW dimmer pack (DMX and + 10V analogue) 63A 3Ø input

#### Medium Dimmer Racks:

ETC Smart Pack 12-way dimmer (DMX) 32A 3Ø input  
Strand LD90 24-way semi-installation dimmer 63A 1Ø input  
WL/ETC 24-way Smart Pack touring dimmer 63A 3Ø input



## Hire List

### Large/Touring Dimmer Racks, Powerlock input

WL/ETC 48-way Smart Pack touring dimmer/MCB rack (Lectriflex/Socapex)

WL/Arri 600 Series 48-way touring dimmer (Lectriflex)

ETC Sensor 48-way touring dimmer (Lectriflex)

ETC Sensor 72-way touring dimmer (Lectriflex)

Avo Art 2000 48-way compact touring dimmer (Lectriflex/Socapex)

Avo Art 4000 72-way compact touring dimmer (Lectriflex/Socapex)

Avo FD 72-way compact touring dimmer (Lectriflex)

### Miscellaneous Control

We have a full range of control accessories available, including DMX interfaces and protocol converters, Strand Shownet, ETCnet and Art-Net nodes, DMX splitters and Ethernet distribution. We also have several ranges of battery-powered wireless dimming systems for use on sets and also wireless DMX transmission systems.

6/12-way DMX Relay rack

H.E.L.L DMX Power12 Relay Rack

DMX/D54 Protocol Converter

DMX Merge Units

Arri Connexion Output Module 96-way DMX/analogue converter

Zero 88 48-way DMX/analogue converter

5 and 8-way DMX Splitter, rack-mount or hanging

Wireless DMX transmitter/receiver system

Wireless Dimming System

Microscope DMX Analyser

Art-Net/DMX Interfaces

Strand SN Nodes

ETCnet nodes (Net 1, 2 and 3)

DMX cabling (3/5-pin) and terminators

Ethernet cabling and distribution equipment

### Sundries

Anglepoise/Desk Lamp

Emergency Bulkhead fittings, maintained/non-maintained (16A)

supplied with full legend kit to allow on-site customising

Twin-head Emergency Lights, non-maintained (16A)

Flight cases

Meat Racks

Cable Ramp



Hire List

## Communications

CCTV Camera Auto Iris B/W 8mm lens

CCTV Camera "Low Light"

Infra Red Lamp

250/300mm B/W TV Monitor

BNC Cable for the above

Intercom Systems

Cue Light Systems

XLR cable for the above

## Orchestra Stands

Illuminated RAT Orchestra Stand

Illuminated Conductor Stand

13A/IEC Distribution for the above

## Rigging Equipment

White Light stocks a large amount of professional rigging equipment as well as the more traditional scaffolding type rigging. Due to the increased liabilities associated with some of this equipment it may not always be possible to 'dry hire' the equipment without proof of the necessary liability insurance. In certain circumstances White Light may be able to supply fully qualified riggers; please call us for details.

### Stands

Doughty hook clamp floor base

Bench stand

Telescopic stand (2.3m SWL 12kg)

Goliath telescopic stand (3.6m SWL 25kg)

Manfrotto wind-up stand (3.6m SWL 32kg)

Manfrotto stand extension (2m)

Genie Superlift SLA25 (7m SWL 225kg)

Mobil Tek Alptek 550 (5.5m SWL 225kg)

Heavy duty boom base

Ballet boom

Tank trap



## Hire List

### Bars, Clamps and Hardware

- 48.3mm (1 $\frac{7}{8}$ " ) Alloy bar
- Boom base and tie off ring
- 2.3m (7'6") Lectriflex/Socapex 6-way internally wired bar
- WL LOLER oversize double hook clamp
- Senior clamp for joining bars
- Boom arm
- D-Rig boom arm (various lengths)
- US-style C-clamps
- US side arm/fittings
- Additional hook clamp/safety bond/spigots
- T-Bars (various lengths)
- Cader clamp
- Track clamp
- Girder clamp
- Scenery brace
- Stage weight

### Wire Drifts

Colour coded steel drifts are available for hire in a variety of standard lengths. Non-standard lengths are only available as sales items. All drifts are supplied fully tested and certificated.

6mm SWL 360kg

8mm SWL 685kg

10mm SWL 1300kg

14mm SWL 2100kg

Available in 1.5m, 3m, 6m, 10m, 15m lengths

*(Please see the [Technical Reference](#) section page 155)*

### Access Equipment

Zarges ladder 8, 10, 12, 14 rung

Access Towers

Genie Personnel Lift 9m (30')

### WL LOLER Ladder Frames

Rated modular frames to allow construction of flown lighting ladders

3 & 7 Rung verticals (275mm rung spacing)

500/600/900/1100mm rung widths



Hire List

### Truss and Ladderbeam

Optikinetics Trilite 200 Ladder Beam (3m, 5m sections), black  
Slick Litebeam Truss (0.5m, 1m, 2m, 3m sections), black/silver  
Slick Litebeam corner blocks and base plates  
Tomcat 309mm (12") (0.5m, 1m, 1.5m, 2m, 3m sections), silver  
Tomcat corner blocks and base plates  
Prolyte H30 300mm box truss range  
Thomas 520mm (20") GP Truss (0.5m, 1m, 2m, 3m sections), black  
Slick Maxibeam, black/silver  
Slick Maxibeam corner blocks

*(Please see the [Technical Reference](#) section pages 153-55 for further details of truss)*

### Chain Hoists and Motors

Manual Chain Hoists ( $\frac{1}{2}$  & 1 tonne)  
1 Tonne Lodestar double-braked Chain Hoists complete with chain bag  
2/6-way Lodestar controllers

### Rigging Hardware and Software

Spansets  
PVC Coated Wire Drifts (truss wraps)  
Shackles  
O Rings/Master Links  
Truss Ladder  
Ratchet Straps  
Truss Hammers & Toolkits





## ***A Moment for Reflection***

*It is unwise to pay too much, but it's worse to pay too little.*

*When you pay too much, you lose a little money - that is all.*

*When you pay too little, you sometimes lose everything, because the thing you bought was incapable of doing the thing it was bought to do.*

*The common law of business balance prohibits paying a little and getting a lot - it can't be done.*

*If you deal with the lowest bidder, it is well to add something for the risk you run.*

*And if you do that, you will have enough to pay for something better.*

**John Ruskin**  
**1819 - 1900**



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