

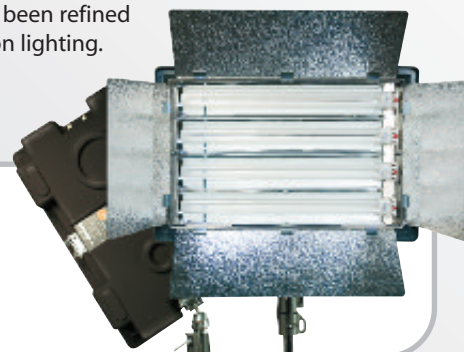
PAMPALITE Portable Fluorescent Lighting

Not just another 'light in a case', the award winning Pampalite is the most advanced location fluorescent light available. It is the result of considerable research and development by its originator Owen Stephens SOC, a Hollywood freelance cameraman and DOP, who found existing products cumbersome and inadequate for location use. Thinking there must be a better way, Owen devised the Pampalite concept of performance, innovation and portability. This concept has been refined by Photon Beard to give a uniquely versatile lighting tool for stills, television and film location lighting.

Powerful, controllable light

The Pampalites use dimming 55 watt compact fluorescent lamps mounted in carefully designed curved reflectors to give a very bright, even light output. These are supplemented by individually adjustable reflective barndoors, which can be reversed to give a matt black surface, or removed completely either separately or together. These doors are fitted with diffuser clips both sides.

There are also fabric egg crates available in a choice of angles to further control light output.



Versatile mounting with the Universal Head

The Pampa2 & 4 can be mounted at almost any angle by means of the universal head. This head fits to 16mm (5/8") pins and 29mm (1 1/8") hollows and combines a ball and socket with a detachable connection to engage a receiver mounted on the shell of the lamphead.

Each Pampalite is supplied with one universal head and two receivers, but up to two more receivers can be fitted for increased versatility and bank mounting of lampheads (see below).



Bank lights together

Pampalite heads can be linked together in a variety of ways to form light banks. They are connected by 'click-lock' brackets, which interface to standard grip components, allowing both small and large banks to be constructed easily and quickly.



Universal operation / DMX512 option

Pampa2 & 4 will operate on any AC power supply from 90-130v or 200-260v automatically protected by a quick reset circuit breaker. Heads can be linked for power and dimming to simplify set up and control.

A DMX512 control kit is available to interface with DMX dimming systems. It is housed entirely in the head as shown.



Storage Shell

The Pampalite storage shell is a useful storage and transit device. The lamp tray can hold extra lamps cushioned in foam. It hinges open to reveal accessory storage. The universal head is carried in a 'click-lock' receiver and there is space for the mains and jump cables, and barndoor leaves.



Adaptable shell design

Lamphead and storage shells share the same shell profile, just a simple lock-swap and two heads, or two storage shells, may be connected for transit. So a four light bank, for example, needs only three units – two units of two heads each plus a third made from two storage shells to carry the cables and universal heads etc.



Easily moved, easily stacked

Pampalite shells are moulded from tough ABS plastic with a rubberized non-slip surface. All catches and fittings are recessed for protection in transit, and the catches are simple to use and are lockable. Pampalites are easy to carry even when wearing gloves. There is simple and positive location of one unit to another for safe stacking, and a stack of units can be strapped to wheels for ease of movement.

If the worst should happen, every external and internal fitting on the Pampalites can be detached (the lamphead can be removed as a complete assembly) and the shell alone can be replaced.

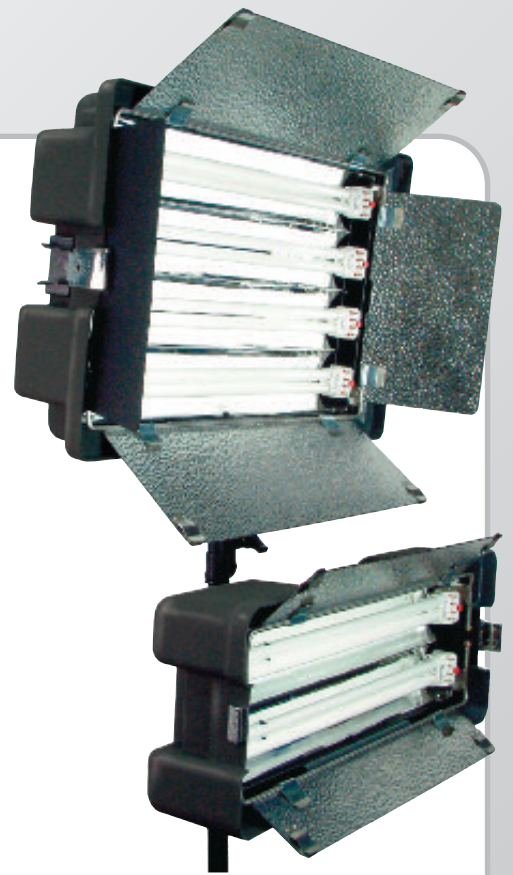


PAMPALITE Specification

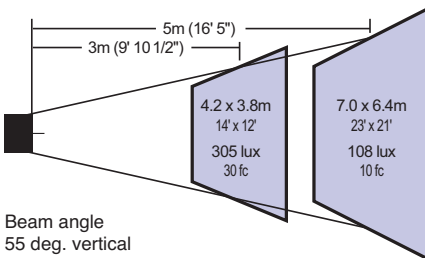
Pampalite

Every Pampalite is supplied with all necessary parts to operate straight from the box. Each unit includes the following items as standard:

- Lamphead shell and storage shell connected as a portable unit.
- Set of lamps ready fitted to the lamphead – Osram DL5595 Lumilux Deluxe 5400K daylight full spectrum Ra 98.
- Removable/reversible reflector/matt barndoors with diffuser clips each side (2 on the Pampa2, 4 on the Pampa4).
- Mains connection cable (choice according to location – see catalogue numbers below) lodged in storage shell.
- Universal head lodged in storage shell.
- 2 x receivers for universal head mounted on lamphead shell at the side and bottom (up to two more can be fitted as additional items – see catalogue numbers below).
- Universal power supply for worldwide operation (90-130v or 200-260v autoswitching) integral with lamphead.
- Local dimmer control.
- Slave dimming control (when lamphead dimming control is chained from one head to another every local control will influence lampheads downstream on the chain, on a 'highest takes precedence' basis).
- Slave mains output for additional Pampalites (up to 10 amps maximum current).
- Overload circuit breaker with quick reset – no fuses required.

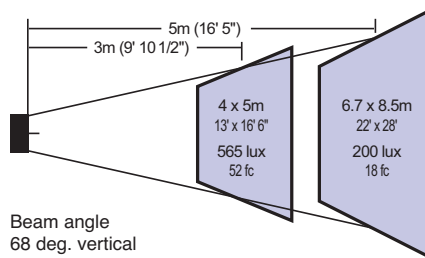


Pampa2 without reflective barndoors



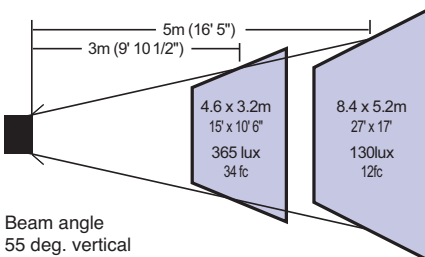
Beam angle
55 deg. vertical
70 deg. horizontal
Osram Lumilux Deluxe 5400K lamps

Pampa4 without reflective barndoors



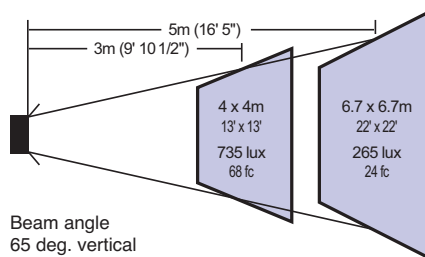
Beam angle
68 deg. vertical
84 deg. horizontal
Osram Lumilux Deluxe 5400K lamps

Pampa2 with reflective barndoors



Beam angle
55 deg. vertical
70 deg. horizontal
Osram Lumilux Deluxe 5400K lamps

Pampa4 with reflective barndoors



Beam angle
65 deg. vertical
65 deg. horizontal
Osram Lumilux Deluxe 5400K lamps

Catalogue Numbers:

- | | |
|----------|--|
| 1812DUK | Pampa2 unit with UK 5m mains cable |
| 1812DEUR | Pampa2 unit with Schuko style 5m mains cable |
| 1812DUS | Pampa2 unit with USA NEMA5-15 10ft mains cable |
| 1814DUK | Pampa4 unit with UK 5m mains cable |
| 1814DEUR | Pampa4 unit with Schuko style 5m mains cable |
| 1814DUS | Pampa4 unit with USA NEMA5-15 10ft mains cable |



PAMPASNAP Specification

PampaSnap

The Pampalite concept refined for ENG and video applications, the PampaSnap is a pair of simplified Pampa lamp units together in a self-contained single package. Each lamp unit features a single fixed 16mm (5/8") hollow tilting mount, a non-detachable 4 metre mains cable, which is stored within the lamphead shell, and a fader-style dimmer control. It has the same light output and light control as the Pampa2 or 4, but in a lighter and more economical package, ideal for interviews, small sets etc.

Catalogue Numbers:

- 1832DUK Pampa2Snap 200/260v fitted with 5400K lamps & UK 4m (13' 1 1/2") mains cable
- 1832DEUR Pampa2Snap 200/260v fitted with 5400K lamps & Schuko 4m mains cable
- 1832DUSA Pampa2Snap 90/130v fitted with 5400K lamps & USA 4m (13' 1 1/2") mains cable
- 1834DUK Pampa4Snap 200/260v fitted with 5400K lamps & UK 4m (13' 1 1/2") mains cable
- 1834DEUR Pampa4Snap 200/260v fitted with 5400K lamps & Schuko 4m mains cable
- 1834DUSA Pampa4Snap 90/130v fitted with 5400K lamps & USA 4m (13' 1 1/2") mains cable

Pampalite or PampaSnap

The Pampalite is the full specification model with Universal Power Supply (90 - 260V 50/60Hz) and comes with a transit lid, detachable mains lead, reversible barndoor, universal mounting head with 16mm socket and 28mm spigot, and the ability to slave one unit from another (up to 8 Pampa4s or 16 Pampa2s on a 240V supply).

The PampaSnap versions share all the other features of the Pampalite except the points mentioned above. They are single voltage, have two heads face to face, a permanently attached mains lead and a fixed mounting point.

Weights & Dimensions W (width) H (height) D (depth)

Pampa2

- Unit size: 655mm W x 260mm H x 270mm D (2'2" x 10 1/2" x 11")
- Weight Pampa2: 9kg (20lbs)
- Weight Pampa2pair: 13kg (28lbs)
- Weight Pampa2case: 5kg (11lbs)
- Lamphead size: 655mm W x 260mm H x 140mm D (2'2" x 10 1/2" x 5 1/2")
- Rigging weight 6kg (13lbs)

Pampa4

- Unit size: 655mm W x 440mm H x 270mm D (2'2" x 1'5 1/2" x 11")
- Weight Pampa4: 11.6kg (26lbs)
- Weight Pampa4pair: 14kg (31lbs)
- Weight Pampa4case: 9.4kg (21lbs)
- Lamphead size: 655mm W x 440mm H x 140mm D (2'2" x 1'5 1/2" x 5 1/2")
- Rigging weight 7kg (15 1/2 lbs)

Pampa2Snap

- Unit size: 655mm W x 260mm H x 270mm D (2'2" x 10 1/2" x 11")
- Lamphead size: 655mm W x 260mm H x 140mm D (2'2" x 10 1/2" x 5 1/2")
- Lamphead weight: 5kg (11lbs)
- Total weight: 10kg (22lbs)

Pampa4Snap

- Unit size: 655mm W x 440mm H x 270mm D (2'2" x 1'5 1/2" x 11")
- Lamphead size: 655mm W x 440mm H x 140mm D (2'2" x 1'5 1/2" x 5 1/2")
- Lamphead weight: 6kg (13lbs)
- Total weight: 12kg (26 1/2 lbs)



PAMPALITE Combinations

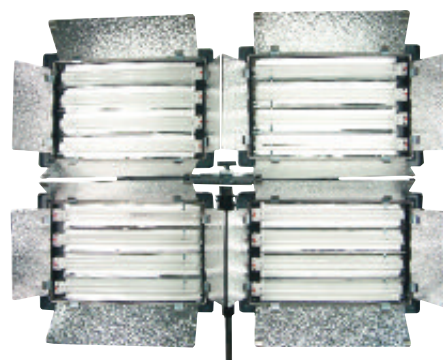
The Pampalite concept is ideal for creating many different combinations of lampheads to provide a whole family of portable fluorescent lighting instruments. In the following sections we list two options - PampaPairs and PampaBanks. Both of these are available in 2 or 4 tube versions.

PampaPairs

Ideal for building a bank light, PampaPairs comprise two Pampalite lamphead shells connected together to form a single unit, with all the features of the Pampalites detailed previously, but without the mains cable, universal head or storage shell. These are available separately to complete a PampaBank light system, as shown. These are full specification Pampalites unlike the PampaSnap versions and are simply paired together for ease of transport.

Catalogue Numbers:

- 1822D Pampa2pair unit comprising 2 Pampa2 lamphead shells
- 18016 Pampa2case comprising two Pampa2 storage shells with one carrying handle
- 1824D Pampa4pair unit comprising 2 Pampa4 lamphead shells
- 18004 Pampa4case comprising two Pampa4 storage shells with one carrying handle
- 18000 Universal head
- 18001 Receiver kit for Universal head (Pampa4case includes two receivers)
- 18003 1m (40") Jump Kit, incl. one power and one dimmer cable
- 70114 UK 5m (16 1/2) mains cable
- 70115 Schuko style 5m (16 1/2) mains cable
- 70116 USA NEMA5-15 10ft mains cable



PampaBanks 2x4 or 4x4 Kits

The Pampalite range is ideally suited to creating large soft light sources. The units have been designed with the ability to join the units together as shown below. The 1842 or 1844 Kit contains all the parts necessary to make up a 4x4 source as shown and packs away into just three cases (excluding the stand).

All the components, such as the ganging bar, mains leads, spare tubes etc., are stored in the transit lid whilst the 4 heads are placed face to face creating two cases.

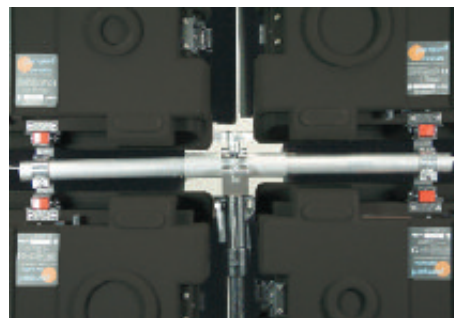
Although 4x4 heads are the largest you are likely to place on a stand, it is possible to make a source as large as you wish to hang from the rigging. The pampa couplers interface with standard 1 1/2" speed rail to allow for larger banks, whilst the ganging bar has a 28mm (1 1/8") spigot for mounting onto stands or flying from a rig.



1844D PampaBank 4x4 Kit in use (Back)



1844D PampaBank 4x4 Kit in use (Front)



18006 Ganging Bar in use

Ganging Bar Kit

The ganging bar comprises a standard 38mm (1 1/2") speed rail section, two couplers and a stand clamp with spigot. It is also possible to create bigger banks to be hung from a rig using longer lengths of speed rail and the appropriate number of couplers.

Shown right: 18006 Ganging Bar Kit

18006 Ganging Bar Kit stored in the transit lid



Pampalite Accessories

Every Pampalite is supplied with all necessary parts to operate straight from the box, however there are a range of accessories to enhance the Pampa experience and provide greater control of the light.

Spill Kill Corners and Litetools™ Fabric Egg Crates

A set of fabric corners are available to prevent light spill from the corners of the barndoors. The kit includes the attachment strips for the fabric egg crates.

Litetools™ Fabric Egg Crates

Provide additional control to the direction of the light. They are available in 30°, 40° or 50° angles and fit quickly onto the barndoors after the spill kill kit has been attached.

DMX512 upgrade kit

Provides remote control dimming of your Pampalite. Only 1 DMX controller is required per Channel. For example, if you wish to have 8 heads all on DMX Channel 1 you only need one controller and the other seven heads are slaved from the first.

(Note: power can also be slaved from the first head).



Catalogue Numbers:

18000	Universal head	18015	50 degree fabric egg crate (Pampa4)
18001	Receiver kit for Universal head (includes fixing screws)	18020	Spill Kill Mounting Kit for P2 Egg Crates
18002	DMX512 upgrade kit (fits from the outside and is contained with the lamphead)	18017	30 degree fabric egg crate (Pampa2)
18003	1 metre (40") jump cable kit (includes one power cable and one dimmer cable)	18018	40 degree fabric egg crate (Pampa2)
18007	Pampalite Coupler	18019	50 degree fabric egg crate (Pampa2)
18012	Spill Kill Mounting Kit for P4 Egg Crates	64050	Replacement lamphead shell moulding (P2)
18013	30 degree fabric egg crate (Pampa4)	64051	Replacement storage shell moulding (P2)
18014	40 degree fabric egg crate (Pampa4)	64052	Replacement lamphead shell moulding (P4)
		64053	Replacement storage shell moulding (P4)
		64059	Replacement half shell moulding (PSnap)
		18006	Ganging Bar Kit

HYPERLIGHT On-Camera Fluorescent Lighting

When considering camera lighting you probably think of tungsten, halogen or even compact discharge lamps, but now Photon Beard has made on-camera fluorescent lighting a reality. Fluorescent requires very little power, enabling smaller, lighter and therefore cheaper batteries to be used (or even the camera's own battery). Because fluorescent is also a diffuse source, there is a complete absence of glare, so your pictures are flattering and presenters are more comfortable. For close-up situations, such as in cars or doing a piece to camera, fluorescent creates new possibilities to produce the perfect solution.

HYPERLIGHT 471 Battery Lighting

This compact on-camera lighting made possible by this compact, lightweight and very efficient lamphead. Its soft light flatters the subject with subtle shadows and absence of glare. Added to ambient light, it gives a lift and sparkle, whilst in low light the wide angle also provides good fill light. Each lamphead is supplied with a 4000K colour temperature lamp, which matches well with most types of ambient light.

There is also a 3000K lamp available to balance with tungsten light. Because the power consumption is so low (only 8 Watts at 12 volts, that's just 1 amp!) the lamp can be powered from the camera battery, either 12v, 13.2v or 14.4v. Lamp life is approximately 300 hours. The lamp is dimmable to 60% of maximum to conserve battery power when standing by. Lamp warm-up time is 30 seconds to 85% brightness and 2.5 minutes to full brightness.



Hyperlight 471 weight: 275g (11oz)

Power Connection Cables

Power connection cables must be ordered separately to suit the particular application.



Mounting Adaptors

The lamphead has a 10mm (3/8") hollow fitting to suit a 10mm spigot. There is a range of mounting adaptors available, which must be ordered separately.



Four Leaf Barndoor HL471BD

For selective control of the beam spread. Fitted with filter mounting clips. Weight: 162g

Battery for Hyperlight 471

An alternative to camera battery power, the on-board battery is an advanced 14.4v Lithium Ion type, small and light (only 200 grams), but giving up to 100 min. running time. Supplied with detachable screw or shoe mount (which also carries the lamphead). The battery is also available without the mount.

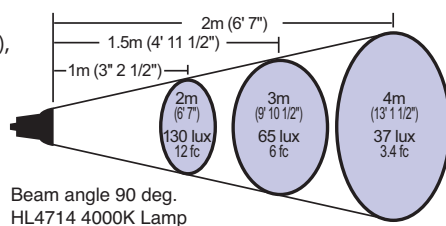


Hyperlight 471

Battery Charger

HLLC (UK plug), HLLCEUR (Schuko plug), HLLCUSA (NEMA1-15P plug)

The charger has a universal 100-240v input, and will charge and condition the battery in 5 hours, or charge only in 1 1/2 hours.



Catalogue Numbers:

HL471	lamphead with 4000K lamp
HL4714	spare lamp 4000K
HL4713	spare lamp 3000K
HLF160C	coiled cable 40/60cm without plug
HLP160C	coiled cable 40/160cm with PAGLOK connector
HLX160C	coiled cable 40/160cm with XLR4 plug
HLC160C	coiled cable 40/160cm with automotive cigar plug (fused 3A)
HLAB20	20cm straight cable with D plug for front end power tap
HLAB50	50cm straight cable with D plug for back end power tap
HLF50	50cm straight cable without plug
HLP50	50cm straight cable with PAGLOK connector
M122	Mounting adaptor for 1/4"-20F thread
M123	Mounting adaptor for camera shoe
M124	Mounting adaptor for 16mm spigot
M125	Insulated adaptor for hot camera shoe (use with M123)
HLBSC	Battery, cable & screw mount
HLBSH	Battery, cable & shoe mount
HLL18	18cm straight cable for HLB battery
	HLB Battery only 14.4v 2Ah Li-Ion
M126	Mounting adaptor for 1/4"-20F thread (takes battery & Hyperlight)
M127	Mounting adaptor for camera shoe (takes battery & Hyperlight)

HYPERLIGHT 471 Battery Lighting Kit

Ideal for lighting cameramen on the move, this handy kit takes very little space yet includes the essentials for close-up camera lighting. Each kit contains: 1 x HL471 Hyperlight 471 lamphead with 4000K lamp, 1 x HLL18 battery connection cable, 1 x HLB Li-Ion battery 14.4v, 1 x mounting bracket for battery and lamphead (M126 or M127), 1 x battery charger (HLLC, HLLCEUR or HLLCUSA), 1 x moulded outfit case (not available separately). The outfit case has extra space to carry a 4 leaf barndoor plus either: 3 x spare lamps, 2 x spare lamps and 1 x spare battery, 1 x spare lamp and 2 x spare batteries, or 3 x spare batteries (these are not included in the kit and must be ordered separately).

Size: W 345 x D 292 x H 120mm
(14" x 11 1/2" x 5")
Weight: 1.93kg (4lb 5oz)

Catalogue Numbers:

HLBKSH Kit with shoe mount and UK plug.
HLBKSC Kit with screw mount and UK plug.
for Europlug add suffix EUR
for NEMA1-15P plug add suffix USA



Tungsten Fresnel Range

Photon Beard manufactures a complete family of Tungsten Fresnel luminaires under the PhotonSpot brand name for use in both the studio or ENG applications.

The entry point is the 300W unit and the range includes the 650W, 1kW and 2kW units. The 650W will also accept a 300W or 500W lamp.

Launched in early 2007, this range has proved extremely popular with its lightweight construction and superior light output.



Why is the PhotonSpot range better than other Tungsten Fresnels?

The robust lamphouse is made entirely from aluminium extrusion and sheet, so there are no annoying 'pings' and 'creaks' as it warms and cools. Speaking of which, the superior convection ventilation means it runs cooler than other diecast types.

All Photon Beard Tungsten heads feature our unique Anti Surge technology that limits the inrush current on cold switch on. This helps to reduce the stress on the lamp filament and leads to improved lamp life.

The lamp carriage runs on rollers, not slides, and is driven by a reliable rack and pinion mechanism for ultimate smoothness and zero backlash.

The focus control is by pole-op cup (except 300W model) and incorporates a friction clutch, so clumsy pole operation will not damage the focus mechanism.



Access to the lamphouse is via a sliding top cover running in rails. How often have you come across a bent hinged cover, which either won't close or won't lock? And our lock is positive and made for single-handed operation, right by the insulated tilt handle on the back. Most spotlights have spring-loaded accessory locks, usually made of flimsy alloy. Ours are steel, they won't snap off.

Naturally the beam quality and focus range are also excellent.

← Easy access to the lamphouse.

PhotonSpot 300W, 650W, 1kW & 2kW Fresnel Lens, Focus Floodlight

Introducing a brand new range of tungsten Fresnels, which complements our studio lighting portfolio. The new products offer Photon Beard's customary dependable design and construction, coupled with an innovative application of lamp technology and optical design.

The lamp heads are manufactured from aluminium extrusions and aluminium sheet for low weight, quicker cooling and compact size, and come complete with pole operated focus as standard.



PhotonSpot - Product Views



The 300W Fresnel



The 650W Fresnel



The 1kW Fresnel



The 2kW Fresnel

