

 dedolight

PRECISION LIGHTING INSTRUMENTS



THE
PORTABLE
STUDIO

5-LIGHT-KIT (SOFTCASE)



Code: **SPS5**

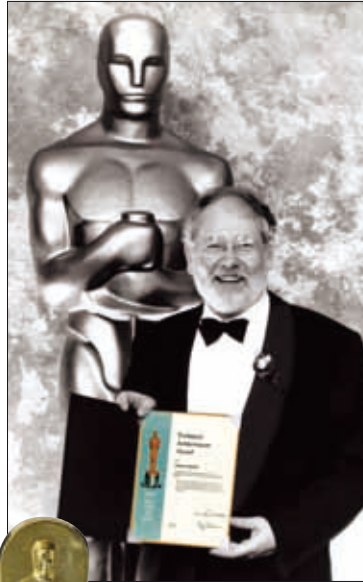
MAKE WORK LIGHT MAKE LIGHT WORK



The Portable Studio gives you all the power of Dedolights award winning lights in a package compact enough for even a one-person camera crew. Comparable lighting kits from other manufacturers can weigh three times as much, are more than three times the size and don't offer the same potential.

Elements of this lighting system are regularly used on elaborate Hollywood film productions (\$100 million blockbusters) and for intricate special effects sequences, such as on Harry Potter, Armageddon and Lord of the Rings.

It's no surprise that Dedolights have already won two awards from the Oscar Committee of the Academy of Motion Picture Arts and Sciences and an Emmy.



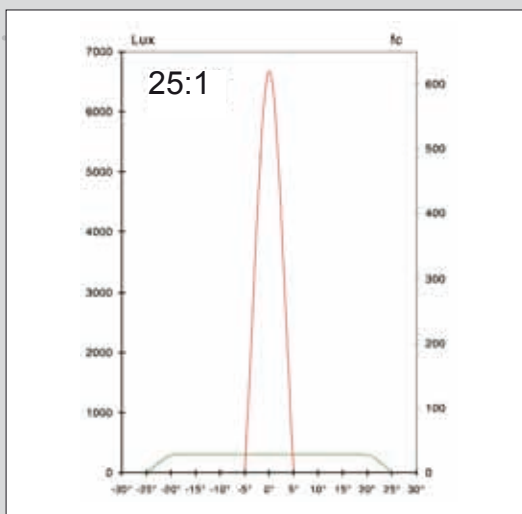
THE FOCUSING LIGHTS

Our revolutionary optical system uses two unique aspheric lenses.

The front lens is fixed, but the other moves either with the lamp and reflector OR relative to both the lamp and reflector (patented).

The 150 W light offers

- More light output than a 500 W studio luminaire
- Perfect light distribution in all focusing positions



THE SOFT LIGHTS

Our soft lights give a lot of light for a few Watts – beautiful light.

Double the light output compared to the output of a soft box in front of traditional studio lights.

Pleasant smooth light distribution with no hot spots. Perfect portrait – key light (see also page 12).



EXTENDED REACH

Traditional studio luminaires of a comparable size offer a focusing range (change of intensity in the center of the lit area) of about 3:1. Dedolight operates up to 25:1, giving it a much larger variation between flood and spot, higher output, and control that is more precise. This allows the professional to place the light further away, keeping it out of shot, while allowing people to move around the lit area with less noticeable change in intensity.



Flood



Medium



Spot

PRECISION LIGHTING

The Dedolight distributes perfectly even light across the lit area in all focusing positions – without hotspots or bright rings.

It also emits a pure beam with no stray light to offer the cleanest, most defined light beam. To soften the beam edges fit any of 23 different diffusion gels. No filter or gel exists that can make an undefined light beam more precise.

BETTER CONTROL

No light source can offer cleaner shadow edges than our **DBD8** – 8-leaf barn doors (due to our optical system).

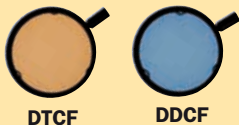
DLWA – An optical wide-angle attachment with its own 8-leaf barn door for working in confined spaces, while retaining focus-ability, light distribution and barn door control.

Graduated grey filters (on heat resistant Borosilicate glass) offer smooth light distribution when lighting from an angle. Almost every lighting situation puts the lights at an angle and, to date, no one has been able to offer a perfectly clean solution. Dedolight offers graduated grey filters in the steps:

DGRADF03 – 0.3, **DGRADF06 – 0.6** and **DGRADF09 – 0.9** (1, 2 or 3 stops) to be used with different angles of incidence or effects.

Other ways to control lighting with the Dedolight system include:

- Scrim (wire nets): full, double, half and graduated.
- Dichroic conversion filters (**DDCF** – daylight/**DTCF** – tungsten light).
- Sets of gel filters – cut to size for our filter holders: neutral grey, diffusion, blue, effect colors and warm tone filters.



DP1



The DP1 Universal Projection Attachment Imager works with:

- Framing shutters: movable shadow masks for precision light and shadow forms.
- Iris
- Gobo projection: our steel gobos are available with more than 300 different shadow patterns (see gobo catalogue), while the range of glass gobos available include multicolored and made-to-order variations.

DP2



The DP2 Projection Attachment/Imager is the same as the DP1, but with integrated framing shutter leaves (not suitable for iris or gobo projection). Easier to handle.

All projection attachments and imagers use interchangeable lenses. These precision optics include seven different lenses, covering wide angle, standard, telephoto and zoom.



Gobo sets for DP1 require a DPGH gobo holder.

PROJECTION/IMAGER ATTACHMENTS



The optics of these attachments have been carefully designed to match the Dedolight double aspheric system (when used on other light sources, they will show inferior results). They offer highly precise light and shadow edge without:

- Color fringing
- Halation
- Distortion

...which plague other comparable systems in a variety of combinations

PROJECTION/IMAGING SYSTEMS

- Create interesting background projections with gobos (for example during interviews), with otherwise dull backgrounds.
- Create the most precise effects and accents – down to the smallest detail.

PROJECTION SYSTEMS

THE DP1 – UNIVERSAL IMAGER CAN BE USED

- To create interesting background projections with gobos (for example during interviews), with otherwise dull backgrounds.
- To create a specific mood in your images, such as with large projections on the entire background.
- To place high-precision accents or effects on your product shots, even for the smallest conceivable objects (i.e. select facets of a diamond may be specially lit). This can be done with a combination projection lens and extension tube.
- To give a video interview a “film look.” Almost all video cameras use lenses that deliver an extended depth of field compared to those used with film cameras due to their small sensor area in relation to the larger film image. The result: the background remains in focus. There is no separation from the background as you would get with the more limited depth of field of a film camera.

An out of focus background projection created by one of Dedolights DP1 imagers cannot be put back into focus by any video camera. This provides better separation between foreground and background, and gives the impression of greater depth – the magic of image creation.

DETAIL / ACCENTS

The unsurpassed precision and efficiency of Dedolight optics make it possible to project/image gobo patterns and logos over a large area as well as accent the smallest objects. Precision lighting for product shots, food, cosmetics, still life with tunable and defined accents and controlled reflexes that bring out details of the surface structure.

BACKGROUND PROJECTION



DEDICATED SOFT LIGHTS

Every portable studio should include one or two soft lights.

The dedicated Dedolight soft lights do not work like the usual soft box attachment in front of a studio light. Such traditional versions are large and unwieldy and offer only a limited light output.

Worst of all, they usually show a hotspot in the center of the diffuser; totally contrary to the basic concept of a soft light as a “wrap around” light source.

Dedolight soft lights are designed to achieve the best possible soft light, and currently come in seven different versions: five tungsten systems, one daylight system and one interchangeable daylight/tungsten system.

- You get an even soft light, with no hot spots, because the light source sits at the focal point of the textile reflector.
- They have a higher light output (two times). The front diffuser is completely evenly lit.
- Extendable patented holding arms for the rods of the soft boxes allow the use of soft boxes of various sizes in order to adapt the character of the light and the transparency of the shadow borders to the distance from the object (one person/several people).

The very small, dimmable DLH1X150S mini has a light output equal to a soft box in front of a 500W studio light, making it the perfect choice for the portable studio. All Dedolight soft lights have unique characteristics that make them particularly



flexible and creative lights – right up to a DLH4X150S unit that can be tuned to give you just the light you want, up to the equivalent of a 2 kW Fresnel fitted with a soft box.



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The Octodome is the largest of Dedolight's seven soft lights and gives extremely smooth light distribution. With its minimal depth, the Octodome does not protrude into the room further than the leg of the stand.

Its shallow, easily set up construction is perfect for working in confined areas.

If adding the optional grid (40° louver), the professional can retain the large smooth diffuser surface but give it distinct direction and keep the spill light away from the background.

COMING SOON – special high output, high color rendition 575 W tungsten ceramic lamp that is interchangeable with our daylight lamp. Same ballast, same high output – four times more than halogen.

3-LIGHT KIT



Code: **SPS3**



Code: **SPS3**

1	DLH1x150S	Soft light head 150 W tungsten
1	HTP150S	High temp. resistance pouch
1	DT24-1	Power supply 150 W/24 V
1	DSBSXS	Mini soft box
2	DLHM4-300	Light head w/ built-in transformer
2	DPLS	Light shield ring
2	DBD8	Barndoor
1	DLTFH	Dedoflex holder
1	DFT30	Diffusor translucent
1	CLAMP1	Clamp
1	DH2	Holder
3	DST	Stand
1	DSTFX	Flexible stand extension
2	DL150C	Halogen lamp 150 W/24 V clear
4	DL150	Halogen lamp 150 W/24 V black tipped
1	DSC1	Soft case

Size: 65 x 34 x 35 cm (26.6 x 13.4 x 13.8")

Weight: 12 kg (26.5 lbs)

QUICK AND EASY

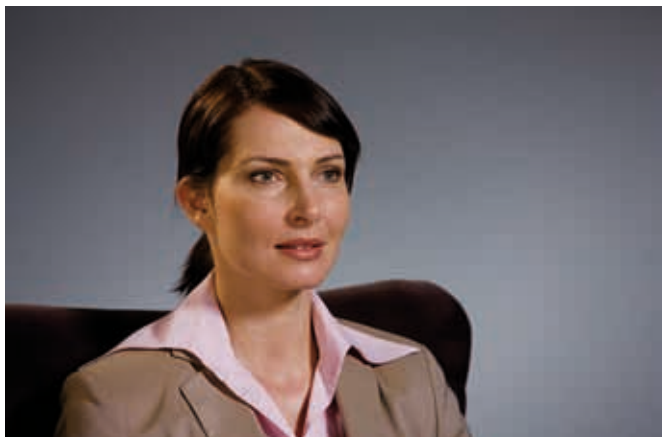
For many small mobile teams, it is not only important to work effectively, and offer the best possible quality, but also to work on a deadline.

To help achieve this, Dedolights can be set up faster and easier than any others.



Typically, the biggest delay comes at the end of the shoot, when light heads are hot, making "tear down" difficult. With Dedolight's heatresistant pouches, made with ceramic textile space technology, mobile professionals can quickly pack the hot light heads from the soft lights without any delay. There is no problem packing the focusing light heads while still warm.

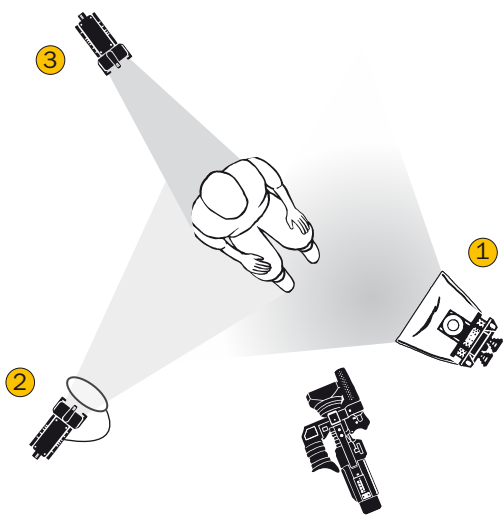
How To LIGHT WITH 3 LIGHT KIT



SET UP 15 MINUTES OR LESS

The same period applies for the set up of the five light kit.
Add five minutes for the larger six light kit (see page 28).





UNBREAKABLE

We don't recommend you test Dedolight's durability at home, but its proven to be extraordinarily rugged and dependable under the toughest circumstances.

NDR Television had a Dedolight that had been run over by a German police van - it still works, with only the stand fitting having some damage.

London based DoP, Jonathan Harrison, regularly gives lighting seminars and demonstrates how the Dedolight DLH4 light head can keep working even when plunged into a bucket of water, so a little rain isn't a problem either.

The highly developed double aspheric optical system is not only compact, but able to stand up to the toughest tasks.



THE MOST ECONOMICAL SYSTEM OPERATIONAL COST

With the exception of the 1,000 W soft light (DLH1000S), all of the other light sources described here are low voltage lights (24 V-150 W), with advantages such as:

- Light Output – apart from the distinctly higher light output provided by our revolutionary optical system, our 24 V lamps provide 40 lumens per watt in comparison to standard halogen lamps delivering just 20 lumens per watt.

The Dedolight system offers comparable light output to a traditional 500 W studio light source.

- Life Expectancy – Traditional halogen lamps for 3200 K are usually described as having a life expectancy of 150 hours.

When used at 3200 K, the Dedolight lamps run approximately 600 to 800 hours. Even using maximum voltages at 3400 K, we still reach approximately 120 hours.

However, traditional halogen lamps are very susceptible to vibration and shock so mobile teams rarely ever reach the quoted lifetimes.

Dedolight lamps are extremely resilient when subjected to hard knocks and vibration. In practice, they achieve many times the life of traditional high-voltage halogen lamps.

Over the typical lifetime of a Dedolight lamp, the numerous traditional lamps you would go through would cost many times more in operating costs even when they have a relatively low purchase cost.

MORE LIGHT IN THE SMALLEST PACKAGE
MAGIC IN A BOX



5 LIGHT KIT

Code: **SPS5**



2	DLH1x150S	Soft light head 150 W tungsten
2	HTP150S	High temp. resistance pouch
2	DT24-1	Power supply 24 V/150 W
1	DSBSXS	Mini soft box
1	DLGRIDXS	Mini grid
1	DSBSS	Silver dome small
1	DLGRIDS	Grid small
3	DLHM4-300	Light head w/ built-in transformer
3	DPLS	Light shield ring
3	DBD8	Barndoor
3	DFH	Filter holder
1	DGW	Gel filter warm tone
1	DGMB	Gel filter mixed blue
1	DGMD	Gel filter mixed diffusion
1	DGCOL	Gel filter color effect
1	DSCK	Scrim kit
1	DSCP	Scrim pouch
1	DP1	Imager attachment
1	DPGH	Gobo holder
1	DPGSET	Gobo set
1	CLAMP1	Clamp
1	DSTFX	Flexible stand extension
5	DST	Stand
2	DLBOX	Plastic box
4	DL150C	Halogen lamp 150 W/24 V clear
6	DL150	Halogen lamp 150 W/24 V black tipped
1	DSC2	Soft case

Size: 83 x 40 x 33 cm (32.7 x 15.7 x 13")

Weight: 20 kg (44.1 lbs)

NEW BACKPACK OPTIONS FIT ALL PORTABLE STUDIO KITS, WITH THE EXCEPTION OF THE 6-LIGHT KIT.

To carry

Easy, comfortable, ergonomic top quality adjustable shoulder and belt straps with two handles.

To pack

Adjustable inner dividers offer protection, easy handling and balanced weight distribution.

To ship

Shoulder and belt straps disappear in the zip-up kangaroo pouch. Backpack can be checked in as luggage without worrying about airport baggage handlers who have a particular talent in destroying equipment.

To keep

Made with top quality materials and components to protect your equipment.

Size: 70x50x30 cm (27.6x19.7x11.8")

Weight: 4,5 kg (9.9 lbs)



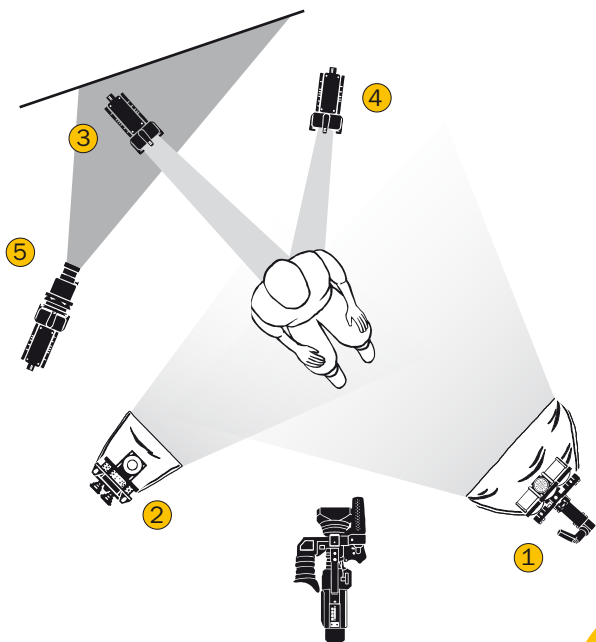
How To LIGHT AN INTERVIEW

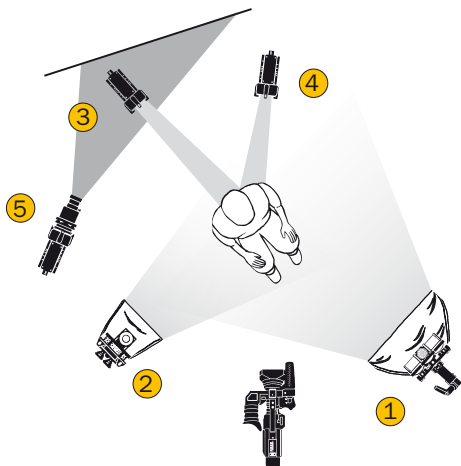


SET UP 15 MINUTES

You can light one person, or many, for an interview or portrait, with the same kit.







1 KEY LIGHT

We recommend a Dedolight DLH1X150S soft light fitted with a small dome and louver grid. The Dedolight soft light system offers unique, smooth and even light without hotspots on the diffuser, as you would find when using traditional soft boxes on the front of studio lights.

With all Dedolight soft lights, the actual light source is in the focal point of the textile reflector. This is how we achieve double the light output in comparison to soft boxes in front of a studio light. In addition, this soft light features a glass reflector, which further heightens the light output and improves the light distribution.

2 FILL-LIGHT

A 150W Dedolight soft light, but this time with a mini soft box and 12" x 12" (30 x 30 cm) diffuser. This light has been used in several major Hollywood film productions (often exceeding \$100 million budgets) as a portrait light for some of the world's best-known actors.

Depending on the end use (film/TV/photo) and on the desired character of the image, one can opt for a ratio of 1:2 between the key light and fill light (TV) or a higher ratio for film lighting that is more dramatic. The Dedolight DLH1X150S soft light when used with the DT24-1 in-line power supply/dimmer is switchable to 3400 K, 3200 K and fully dimmable.

3 BACKLIGHT

The backlight should separate your subject from the background and help create a seemingly 3D effect and the illusion of depth. The unique character of the focusing Dedolight DLH4 allows for the fine-tuning of the backlight with utmost precision. A slightly cooler color temperature is often desirable for the backlight. This light can be set for a color temperature of 3400 K without using any filters.

Because of its enormous focusing range and the various control accessories, it is possible to partially lower the intensity for defined areas of the image, should they otherwise be too bright (contrast ratio), or to place defined accents on darker areas of the image.

The clean beam, without any stray light, can avoid unintended light in the camera lens. Focusing, scrims and dimmability allow such effects to be fine-tuned, so that they can add to the image creatively without being obvious. Subtlety is the key. The flexible stand extension allows you to place the light source closer to the subject without the lighting stand being in the shot.

4 THE KICKER —

THE CONTOUR LIGHT

This can be placed on the unlit side of the face to give heightened plasticity and dimensionality or modeling. As with the backlight, being able to precisely tune the intensity of the lit area and color temperature is key.

5 THE BACKGROUND LIGHT

Use the louver/grid on the key light in order to keep unwanted stray light away from the background – so that you don't lose control over this very important image detail.

Two variations:

- a) Using the focusing DLH4 light head for the background, professionals can choose the desired intensity for the background. With barn doors, half scrims or graduated scrims, you are able to create a light and shadow form that suits the desired image. The dimmability, diffusion, warm tone or effect gels help to create the desired mood, whilst such effects should still not distract from our subject.
- b) With the DLH4 light and DP1 imager attachment, you are able to project a shadow pattern (gobo), such as leaf patterns, Venetian blinds, window shadows, abstract or neutral patterns, etc. – there are over 300 different gobo patterns to choose from.

By defocusing (changing the focus position of the projection lens until the projected image is out of focus), you are able to create the impression of greater depth and so separate subject from background – create the “film look.” In a feature film shot on 35 mm film, this look can appear natural by the selective depth of field of the longer focal length of the lenses used.

With a video camera and its much smaller sensor, the same image size (angle of view) is achieved with much shorter focal lengths, which will also leave the background in focus. No video camera can put an out-of-focus projection back into focus.

For interviewing two, three or more people, you can put a medium size soft box on the key light, and the small size soft box on the fill light, or cross light with two matched key lights, plus two matched back lights.



USEFUL EXTRA EQUIPMENT AND MOUNTING DEVICES

CLAMP1 DEDOLIGHT CLAMP

The Dedolight clamp attaches securely to stands, pipes, shelves, etc., up to 1-7/8" (4,8 cm) diameter/thickness. It is fitted with a 16 mm (5/8") stud that pivots and locks in two positions.

Weight: 147 g (5.2 oz.)



DSTFX DEDOLIGHT FLEXIBLE STAND EXTENSION

Works with DST stand or CLAMP1, dedolight clamp or any 16 mm (5/8") stud. It can be bent in any direction, even S shaped or curled. A wonderful tool in difficult locations. Length: 51 cm (20") Weight 150 g (5.3 oz.)



Particularly useful for positioning a backlight. If you set up a backlight on a lighting stand and the stand is visible behind your interview subject, use this flexible stand extension. Bend it twice so that the stand can be moved further out of

the picture. Make sure that the stand, with the off center weight of the light head, is counterbalanced so that it will not fall over. Already included in some of the described kits.



DLTFH FLEXIBLE ARM WITH THREE CLIPS

Holds Dedoflex 30 cm (12") translucent diffuser. Mounts between light head and stand. Converts focusing light to a soft light source.

DH2 DEDOLIGHT HOLDER

Made of special elastic aircraft aluminium, the Dedolight holder not only tapes to flat surfaces but cut-outs in the plate allow it to be attached to table legs and small or large pipes. Just use the supplied mounting chains or gaffer tape, nails or screws. Weight: 142 g (5 oz.)



6-LIGHT SET UP





6-LIGHT SET UP

For most cameras, the look obtained by this kind of set up could easily be achieved with just two of our highly efficient 150W soft lights.

It is truly amazing how much light you DON'T need.

For lighting three people, the key and fill light need to be placed at a larger distance from the subjects so that you do not create uncomfortable differences in light intensity between the nearest and farthest person.

The 150W soft light with mini soft box (DSBSXS), 12" x 12" (30 cm x 30 cm) can be regarded as an ideal tool for single person portraits.

With several people in the shot, it has to be moved further away and so becomes proportionally smaller and the shadow/light transitions become slightly harder. The solution is to use a larger soft box (diffuser):

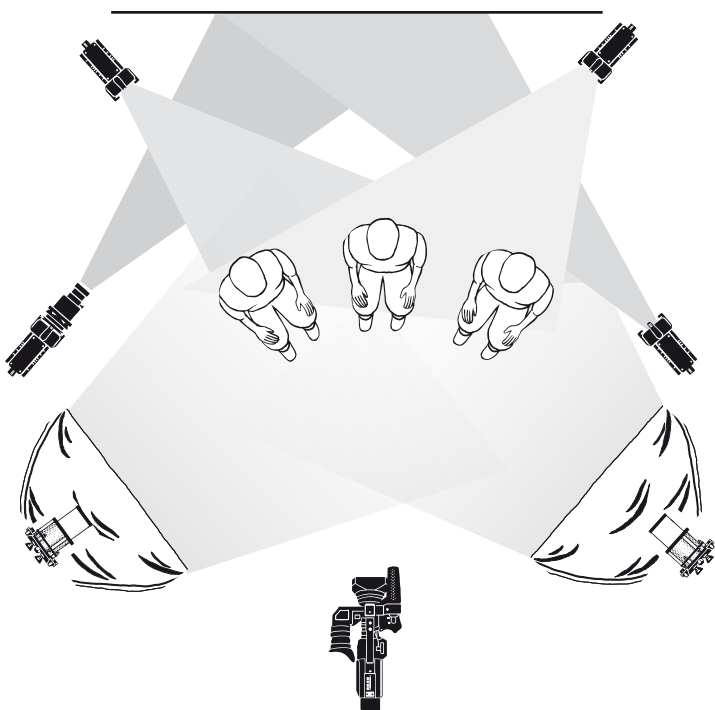
Dedoflex small (DSBSS), 41 cm x 56 cm (16" x 22"), or even Dedoflex silver dome medium (DSBSM), 61 cm x 81 cm (24" x 32").

All three sizes of the soft boxes will fit onto the same little 150W soft light and still provide amazing output with perfect soft light qualities.

In this 6-light set up example, we have used two 1000W soft lights (DLH1000S) instead so that the sources could be placed at considerably larger distances than depicted here, allowing the lighting of a larger set up for multi-person interviews or documentaries.

All of these are just simple examples of lighting set ups and equipment configurations. You may want to modify these examples to fit your taste, experience and needs.

For additional equipment choices, please look at the full Dedolight catalogue (The Two Faces of Light) or consult our website at www.dedolight.com.





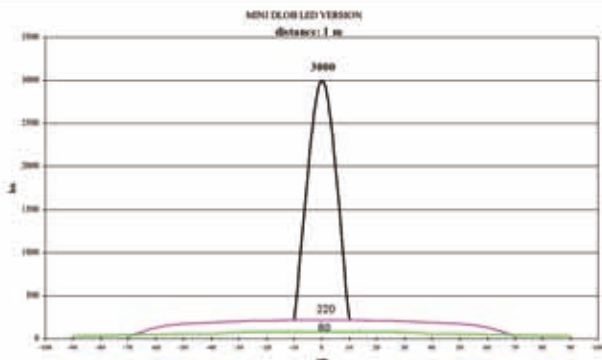
LEDZILLA

DEDOLIGHT ON BOARD MINI LED LIGHT

CODE: DLOBML

A single, high-power LED

- **Amazing output** in combination with the Dedolight double aspheric optics
- **Focuses** like a Dedolight. LED lights are not usually focusable.
- No other focusing LED light compares - 4° to 56°.
- **Smooth** light distribution in all and every focusing position





Wide-angle flip-up diffuser for 70° angle, smoothly covering the widest zoom and widening the beam more horizontally than vertically (1:1.66).

After all, we don't shoot round pictures...

- Clean, sharp, single-edge barn door shadow OR a very gentle light and shadow transition with the flip-up wide-angle diffuser in place
- Converts from daylight to tungsten via a dichroic flip-down filter
- Color rendition and color distribution is cleaner than comparable LED lights
- Adjustable support arm allows it to be positioned above and forward.
- Dims extremely smoothly from full blast all the way down to zero without any color change.
- Powers from any 6V to 18V DC power source.
- Optional battery shoe is compatible with Sony and Panasonic mini-DV batteries.
- NP-F550 7.2V, 2000 mA, 105 minute run time.
- NP-F750 7.2V, 4000 mA, 210 minute run time.
- NP-F950 7.2V, 6000 mA, 330 minute run time.

When dimmed to 50% light output, power consumption drops accordingly resulting in twice the run time. Alternative power from any Anton/Bauer or PAG system, car cigarette lighter output or battery belt.

- Power consumption is only 8W despite its high output.
- Operates from -40° C up to +40° C.
- LED power available indicator.
- Frontend bayonet allows you to add future attachments and light modifiers.

ACCESSORIES:

DLGA200

Articulating arm,
200 mm square
top/male shoe or
1/4" male to camera.



DLBSA-S

Female shoe to
1/4" male.



DLBSA-T

Female shoe to
1/4" female.



DLBSA-M

1/4" male to mini
shoe for Sony mini
camcorder (use with DLBSA-T).



DLBSA-U

Square top fits
DLOBML, goes to
male shoe.



DLA-ML

Square top fits
DLOBML, accepts
16 mm baby stud
(5/8").



DLBSA-3S

Triple shoe
with tilt lock.



DLOBML-AB-S

0,22 m (8.6") cable with
Anton/Bauer connector.

DLOBML-AB-L

0,55 m (22") cable with
Anton/Bauer connector.

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DLOBML-XLR

0,65-1,30 m (25"-51")
coiled cable with 4-pin
XLR-male connector.

DLOBML-PAG

0,55 m (22") cable,
Ø 2,1/5,5 mm
(Ø 0.080"/0.218")
plug for Swit battery or
PAG connector.

DLOBML-BS

Battery shoe for
Sony NP-F battery.
Fits DLOBML.



DLBF-8AA

External battery
holder for 8 AA
batteries.



DLB-NPF550

7.2 Li-Ion battery,
14.8 Wh (2000 mAh).



DLB-NPF950

7.2 Li-Ion battery
43.2 Wh (6000 mAh).



DLCH-NPF

Charger for NP-F
batteries
100-240 VAC.



DLPS-12

12 V power from
100-240 VAC.

DLOBML-P

Soft pouch
for DLOBML.



SUNDANCE

DAYLIGHT/TUNGSTEN LIGHT SYSTEM

THE MAXIMUM IN VERSATILITY, CONTROL, PRECISION AND LIGHT CHARACTER.



THE MINIMUM OF WEIGHT, SIZE AND SET-UP.

Convert Daylight to Tungsten by a simple lamp change. Same ballast, same light head. Replace the daylight lamp with our special ceramic high performance tungsten lamp.

- Both lamps offer the highest possible output -80 lumens per watt
- Four times as much as halogen
- Both lamps guarantee professional color rendition: CRI > 92



PRECISION FOCUSING

- Fantastic light output and focusing range beyond any comparable system
- Surgically precise beam
- Perfectly even light distribution
- Accepts all classic Dedolight accessories and imagers



GENTLE SOFT LIGHT

- Single purpose dedicated design
- The actual light source is in the focal center of the soft box
- Double the light output compared to a soft box in front of a Fresnel
- Smooth and even light distribution on the diffuser
- Choice of many different sizes of soft boxes



THE
MOST
ELABORATE
INTERVIEW
LIGHTING
KIT

NOW ALSO AS
BACKPACK VERSIONS
SEE PAGE 21



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