Lighting Units
for Photo + Video

All-Purpose Light

Light is also indispensable for the „photographic" vision. If natural light is not sufficient or does not lead to the desired result, „artificial" light sources come into operation.

But the nature of this light is no longer „artificial". There are many light sources that provide daylight or can be adapted to daylight using conversion filters. Using specific type of film, but above all the features and possibilities of digital cameras, also allow for an adaptation to „natural light conditions".

When shooting specific objects the requirements for lighting may be complete opposites.

Light can be soft and even sometimes, while it can be harsh and strong other times, should avoid shadows or create shadows, should highlight edges or avoid reflections, should be directed to places difficult to access, should eventually be heat free or be „subject-friendly" in other ways - the list of requirements could go on and on.

The lamps themselves - their size, shape and technology - as well as the lighting units they are used in, determine one part of the illumination result, the other part is controlled by the position and the set-up of the lights, and is therefore based on the knowledge and skills of the „lighting technician".

Using flash makes high demands on the experience of the photographer. With continuous light sources as presented in this catalog the illumination can be evaluated precisely before shooting, because set-up and shooting use the same light.

Soft Lights normally provide for very soft and even lighting. They are especially useful with object photography with shadowless illumination. They are equipped with daylight-type fluorescent lamps and can also be supplied for high-frequency operation. That is why they can be used with all kinds of digital cameras without any limitations, also with scanning cameras, and that is why they are often called „digital light". They can also be used in video applications and in connection with high-speed cameras. Their light is cool so there is only a minor thermal load on the object. All this, together with the long service life of fluorescent lamps, allows for extended operating times and long shooting sessions and therefore high performance. Color rendition remains constant over a long period of time and power consumption is rather low.

Halogen lights have high light output and can cover wide spaces. Their light is harsh and contrasty and you can deliberately intensify contrast and shadows. In addition their light is „hot". That is why in most cases lighting units are equipped with an extra cooling fan.

Halogen lighting units though are very compact and light-weight, they are easy to carry and are suitable for use „on location".

Lamps with screw-in thread, commonly known as photofloods, have been around for many years. They are used in **reflector lights,** the reflector itself can be fixed or exchangeable. The character of illumination is determined by the shape and the surface of the reflector.

The universal E27 screw-in socket accepts a variety of lamps: traditional photofloods, halogen lamps (e.g. CERAM) and fluorescent lamps.

If you have to photograph very small objects, **halogen spots** are extremely useful. They can be targeted to the object or just a part of it with the help of flexible gooseneck arms.

Close-up photography and photomicrography are the application fields of **cold light sources** using flexible fiber-optic light guides to get light exactly to a specific area.

„proVision" Soft Light

For even and soft illumination, especially suitable for digital photography and video shooting.

Fitted with 55 watt daylight fluorescents with very low heat radiation. High-frequency operating system (approx. 40 kHz) for immediate ignition and flicker-free operation for unrestricted use with all digital camera systems including scanning cameras and scanbacks. High-gloss reflectors and intensifier barn doors for exceptionally high lighting efficiency. Light output can be dimmed down to 10% of maximum. Compact aluminum housing. Light is tiltable, with mounting frame for suitable stands/holding devices with 16 mm standard spigot.

Color temperature: 5400 K (3200 K on request)
Service life of lamps: approx. 8000 h
CRI: 90-100

3431 proVision 6.55 HF

Lamps: 6 x 55 watt, 5400 K
4 barn doors, cable remote control (3m/10 ft.) for dimming.
Illuminating surface: 51 x 51 cm (20 x 20 in.)
Weight: 8.6 kg (18.9 lbs.)

3428 proVision 4.55 HF

Lamps: 4 x 55 watt, 5400 K
4 barn doors, cable remote control (3m/10 ft.) for dimming.
Illuminating surface: 34 x 51 cm (13.4 x 20 in.)
Weight: 6.7 kg (14.8 lbs.)

3425 proVision 2.55 HF

Lamps: 2 x 55 watt, 5400 K
2 barn doors, dimmer on lighting unit.
Illuminating surface: 17 x 51 cm (6.7 x 20 in.)
Weight: 4.4 kg (9.7 lbs.)

3454/64 Fluorescent Lamp

Replacement lamp for 3425/3428/3431.
1 piece.

3454: 55 W, light color 12, approx. 5400 K
3464: 55 W, light color 32, approx. 3200 K

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3433-35
Diffusion Screen

For use with „proVision" soft lights.

Prismatic surface. 1 piece.

3433: for proVision 2.55 HF (3425)
3434: for proVisoin 4.55 HF (3428)
3435: for proVision 6.55 HF (3431)

3436-38
Soft Screen

For use with „proVision" soft lights.

Frosted surface. 1 piece.

3436: for proVision 2.55 HF (3425)
3437: for proVisoin 4.55 HF (3428)
3438: for proVision 6.55 HF (3431)

3439
Diffusion Foil

For use with „proVision" soft lights.
Can be cut to required size.

Dimensions: approx. 60 x 760 cm (2 x 25 ft.)

93325
„videolight 4"
Safety Lighting Unit

Technical data:

Halogen lamps:	2 x 1000 W, 3400 K
Fuses:	2 x F 6.3 A
Cord:	4 m (13ft. 1 in.)
Weight:	approx. 1500 g
	(3 lbs. 5 oz.)
Dimensions (handle folded down): (WxHxD):	approx. 145 x 155 x 190 mm (5.7 x 6.1 x 7.5 in.)
Height with handle:	approx. 270 mm (10.6 in.)

Halogen lighting unit for photo, filming and video shooting. Extremely quiet blower cooling for unlimited operation in every position. Four large light flaps for direct-aim lighting. Front attachment with diffusor screen of heat-resistant safety glass for extra-soft lighting.

The upper part can be tilted steplessly for indirect lighting. The handle can be tilted through 180° and when mounted on a tripod assumes the function of a tilting head. For economical storing, the handle folds snugly onto the housing. Two stand threads 1/4". The lamps can be switched on separately and have their own fuses. Additional switch for modelling light (2 x 500 W). Supplied complete with camera bracket and lamps.

1000W 3400K	3075
1000W 3200K	3094

3029
Conversion Filter

Complete safety front attachment with light flaps and conversion filter of safety glass for videolight 4 (93325).
Dimensions (W x H x D): approx. 145 x 135 x 70 mm (5.7 x 5.3 x 2.8 in.)

93304
„videolight 6"
Safety Lighting Unit

Technical data:

Halogen lamp:	1000 W, 3400 K
Fuse:	F 6.3 A
Cord:	4 m (13 ft. 1 in.)
Weight:	approx. 1300 g
	(2 lbs. 14 oz.)
Dimensions (with handle folded down):	approx. 100 x 140 x 190 mm (3.9 x 5.5 x 7.5 in.)
Height with handle:	approx. 250 mm (10 in.)

Halogen lighting unit for photo, filming and video shooting. Extremely quiet blower cooling for unlimited operation in every position. Thermostat for automatic shut-off if overheating. Heat-resistant housing. Front attachment with safety-glass diffuser plate for extra-soft lighting. Four large barn doors for direct-aim lighting.

The upper part can be tilted steplessly for indirect lighting. The handle can be tilted through 180° and when mounted on a tripod assumes the function of a tilting head. The unit can then be tilted upward and downward. For economical storing, the handle folds snugly onto the housing. Two stand threads 1/4". Supplied complete with lamp and camera bracket.

1000W 3400K	3075
1000W 3200K	3094

3002
Conversion Filter

Complete safety front attachment with light flaps and conversions filter of safety glass for videolight 6 (93304). Dimensions (WxHxD): approx. 105 x 125 x 70 mm (4.1 x 4.9 x 2.8 in.).

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93307
„videolight 8 S"
Safety Lighting Unit

Halogen lighting unit for photo, filming and video shooting. Unlimited continuous operation without extra cooling. Four barn doors. Front attachment with diffuser made of safety glass. Temperature-resistant reflector casing, for indirect lighting tilts upward by 90° with five click-stops. Slot shoe for mounting on camera. Thread 1/4" for mounting on stand. On/off switch.

Technical data:
Halogen lamp:	300 W, 3400 K
Fuse:	F 2 A
Cord:	4 m (13 ft. 1 in.)
Weight:	approx. 690 g (1 lb. 8 oz.)
Dimensions (WxHxD):	approx. 87 x 164 x 135 mm (3.4 x 6.5 x 5.3 in.)

93318
Conversion Filter

Safety front attachment with barn-doors and safety glass conversion filter for videolight 8 S (93307).

Dimensions: approx. 87 x 87 x 75 mm (3.4 x 3.4 x 3 in.)

300 W, 3400 K	3058
300 W, 3200 K	3038

93392
„videolight 150"
Safety Lighting Unit

Halogen lighting unit for photo, filming and video shooting. Unlimited continuous operation without extra cooling. Four barn doors to direct the beam. Variable focusing: The angle of light emersion can be adjusted continuously from 40° to 90°. Two mounting possibilities: either flat on the housing - the light tilts by 25° - or raised on pivoting bracket. In this position the light can be tilted upwards and downwards by a total of 100°. 1/4" tripod thread. On/off switch.

Technical data:
Halogen lamp:	150 W, 3400 K
Fuse:	F 2 A
Cord:	approx. 4 m (13 ft. 1 in.)
Weight:	approx. 600 g (1 lb. 5 oz.)
Dimensions (WxHxD):	approx. 66 x 145 (100) x 125 mm (2.6 x 5.7 (3.9) x 4.9 in.)

93391
Conversion Filter

Complete attachment with light flaps and conversion filter for „videolight 150" (93392).

150 W, 3400 K	3003

93356
„Mini" Portable Lighting Kit

Consisting of 300 W video light „videolight 8 S" (93307), clamp (1512), reflector/shoot-through lighting umbrella (1522) and umbrella mounting rod.

In sturdy carrying case.

Dimensions: approx. 385 x 265 x 100 mm
(15.2 x 10.4 x 3.9 in.)

300 W, 3400 K	3058
300 W, 3200 K	3038

3047
300 W Portable Lighting Kit

Complete light-stand-umbrella combination.

Comprises „videolight 8 S" 300 W safety lighting unit (93307), light stand (5031), joint with umbrella mount (5041), and white umbrella (3080).

In carrying bag with handle and adjustable shoulder strap.

300 W, 3400 K	3058
300 W, 3200 K	3038

3049
1000 W Portable Lighting Kit

Complete light-stand-umbrella combination.

Comprises „videolight 6" 1000 W safety lighting unit (93304), light stand (5031), joint with umbrella mount (5041) and white studio umbrella (3080).

In carrying bag with handle and adjustable shoulder strap.

1000 W 3400 K	3075
1000 W 3200 K	3094

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3152
„studiolight H" Lighting Unit

Compact unit for continuous lighting for product shots, portrait, video and film.

With 1000 W halogen lamp and safety glass bulb dome. Light output can be dimmed steplessly and switched over to maximum output and back. Low-noise cooling fan for unlimited operation. Front part with bayonet attachment for accessories (reflectors, soft boxes), swivel joint with locking lever, umbrella mount. Can be mounted on suitable tripods/stands with 16 mm standard spigot. Includes halogen lamp, exchangeable reflector (180 mm / 7.1 in. diameter) and protective lamp cover.

Halogen lamp: 1000 W, 3400 K

Fuse: F 6.3 A (for 230/240 V), F 10 A (for 120 V)

Lead: approx. 4 m (13 ft.)

Weight with reflector: approx. 1960 g (4.3 lbs.)

Dimensions without reflector: approx. 290 x 120 x 240 mm (11.4 x 4.7 x 9.4 in.), with reflector: approx. 320 x 180 x 260 mm (12.6 x 7.1 x 10.2 in.)

1000W 3400K	3075
1000W 3200K	3094

3150
„studiolight C" Lighting Unit

Compact unit for continuous lighting for product shots, portrait, video and film.

E27 screw-in fixture for photofloods up to 500 W. Low-noise cooling fan for unlimited operation. Front part with bayonet attachment for accessories (reflectors, soft boxes), swivel joint with locking lever, umbrella mount. Can be mounted on suitable tripods/stands with 16 mm standard spigot.

Includes exchangeable reflector (180 mm / 7.1 in. diameter), protective lamp cover and 250 W photoflood (3130) (only with 230/240 V version).

Socket: E27 (120 V: E26)

Fuse: F 4 A (for 230/240 V), F 10 A (for 120 V)

Lead: approx. 4 m (13 ft.)

Weight with reflector: approx. 1820 g (4 lbs.)

Dimensions without reflector: approx. 210 x 120 x 240 mm (8.3 x 4.7 x 9.4 in.), with reflector: approx. 360 x 180 x 260 mm (14.2 x 7.1 x 10.2 in.)

max.500W,E27	3124-3130 3137, 3138

3155
"studiolight H" Lighting Kit

Portable lighting system for product shots, portrait, video and film.

Contains:

2 "studiolight H" halogen lighting units (3152), each with 1000 W halogen lamp and protective lamp cover, light output can be dimmed steplessly and switched over to maximum output and back, low-noise cooling fan for unlimited operation, front part with bayonet attachment for accessories (reflectors, soft boxes), swivel joint with locking lever, detachable reflector (180 mm / 7.1 in. diameter),

2 heat resistant soft boxes 60 x 60 cm (23.5 x 23.5 in.) (3177) and

2 light stands (setting height 70 - 230 cm / 27.6 – 90.6 in.).

In a sturdy carrying case with handle and padded shoulder strap.

Case dimensions: approx. 94 x 30 x 27 cm (37 x 11.8 x 10.6 in.)

1000W 3400K	3075
1000W 3200K	3094

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3154
„studiolight C" Lighting Kit

Portable lighting system for product shots, portrait, video and film.

Contains:

2 „studiolight C" lighting units (3150), each with E27 screw-in socket for photofloods up to 500 W, low-noise cooling fan for unlimited operation, front part with bayonet attachment for accessories (reflectors, soft boxes), swivel joint with locking lever, umbrella mount, protective lamp cover, 250 W photoflood (only with 230/240 V version) and exchangeable reflector (180 mm/ 7.1 in. diameter),

1 silver reflector umbrella (100 cm / 39.4 in. diameter),

1 transmitted light umbrella (100 cm / 39.4 in. diameter) and

2 light stands (setting height 70 - 230 cm / 27.6 – 90.6 in.).

In a sturdy carrying case with handle and padded shoulder strap.

Case dimensions: approx. 94 x 30 x 27 cm (37 x 11.8 x 10.6 in.)

max.500W,E27

3124-3130
3137, 3138

3177-78
Soft Box

Attaches to „studiolight C" (3150) and „studiolight H" (3152).

Can be rotated and locked. Made of heat-resistant materials. With four ventilation flaps.

3177: 60 x 60 x 35 cm (23.5 x 23.5 x 13.8 in.)

3178: 100 x 100 x 40 cm (39.5 x 39.5 x 15.7 in.)

3159
Interchangeable Reflector 280 mm

Attaches to „studiolight C" (3150) and „studiolight H" (3152).

Narrow beam. Silver coating inside. Matte black coating outside.

Diameter: approx. 280 mm (11 in.)
Depth: approx. 260 mm (10.2 in.)

3160
Interchangeable Reflector 400 mm

Attaches to „studiolight C" (3150) and „studiolight H" (3152).

Wide beam. Silver coating inside. Matte black coating outside.

With secondary reflector for even illumination and reduced glare. Removable heat-resistant fabric diffuser.

Diameter: approx. 400 mm (15.7 in.)
Depth: approx. 150 mm (5.9 in.)

3170
Background Reflector

Attaches to „studiolight C" (3150) and „studiolight H" (3152).

45° angle. Silver coating inside. Matte black coating outside.

Can be rotated and locked in any position.

Diameter: approx. 320/200 mm (12.6 / 7.9 in.)
Depth: approx. 345/95 mm (13.6/3.7 in.)

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3121
Studio Light

3124-3130
3137, 3138

Reflector with white lacquered interior surface for soft lighting. Outer surface of non-reflecting dull black enamel. Catch joint with tightening screw and 3/8" tripod bush. For photofloods up to 500 W and all-purpose lamps E 27.

Reflector diameter: 260 mm (10.2 in.)
Cord: 4 m (13 ft.)/
                                  120 V: 2 m (6 1/2 ft.),
                                  with cord switch

Supplied without lamp.

3124–30
Photoflood

With E 27 screw-in thread.

3124: Opal Lamp 150 W, 3000 K
3125: Reflector Lamp 500 W, 3200 K
3126: 500 W, 3200 K, without reflector
3128: Reflector Lamp 150 W, 3200 K
3129: Reflector Lamp 500 W, 5000 K
            For use with daylight films
3130: 250 W, 3000 K, without reflector

3125

3129

3126

3128

3137-38
Ceram Lamp

Halogen lamp with E 27 screw-in thread.
Colour temperature 2900 Kelvin.
Provides 20 % more light output than regular incandescent lamps. Integrated UV blocker.

2000 hours operating life.

3137: Ceram Lamp 150 W
3138: Ceram Lamp 230 W

Lamp Survey

3454/64
Dulux Fluorescent Lamps

Replacement lamps for soft lights 3425/3428 and 3431.

Power:	55 W
CRI:	90-100
Average service life at	
steady color temperature:	8000 hours
Socket:	2 G 11
Length:	533 mm (21 in.)
Tube diameter:	2 x 17.5 mm (0.69 in.)

Please replace fluorescent lamps as a whole set if requirements for color-correct lighting are high.

3454 Color temperature 5400 K, Light color 12, 1 piece
3464 Color temperature 3200 K, Light color 32, 1 piece

Halogen Lamps

Code no.	Voltage	Power	Color temperature	Socket	Av. service life	Suitable for	Catalog page
3027	6 V	20 W	3200 K	G 4	100 hrs.	3288	147
3028	12 V	50 W	3200 K	G 6,35	50 hrs.	93310	148
3054	12 V	100 W	3200 K	G 6,35	25 hrs.		
3003	230 V[1]	150 W	3400 K	GX 6,35	20 hrs.	93392	31
3038	230 V[2]	300 W	3200 K	GX 6,35	75 hrs.	93307, 3152, 93304, 93325	30-31, 33
3058	230 V[1]	300 W	3400 K	GX 6,35	15 hrs.		
3051	230 V[1]	650 W	3400 K	GX 6,35	15 hrs.	3152, 93304, 93325	30, 33
3094	230 V[2]	1000 W	3200 K	GX 6,35	75 hrs.		
3075	230 V[1]	1000 W	3400 K	GX 6,35	15 hrs.		
3137	230 V	150 W	2900 K	E 27	2000 hrs.	3121, 3150	33, 37
3138	230 V	230 W	2900 K	E 27	2000 hrs.		

[1] also available in 120 V and 240 V
[2] also available in 120 V

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Stands, Umbrellas and Other Helpers

The heavier and bigger the lighting unit, the more important the light stand. It should stand firm, even when set to maximum height.

The stand should „suit" the light, and a cheap solution could soon become an expensive one, if in case of a „crash" the light or other things could be damaged.

Most of the lights have a mounting bracket or a tiltable grip in order to arrange for a specific position on the stand. Additional joints and holding devices provide easy attachment of umbrellas. They are important when light should not hit the subject with its full power or harshness. Very often the amount of light should be reduced to a certain value. Studio and reflector umbrellas are then of great help. The umbrella is mounted at the proper distance in front of the lighting unit. Umbrellas with a black outside coating provide powerful, but diffuse reflection from the inside surface (= indirect lighting). A white inner coating gives soft, neutral reflections, a silver inside surface leads to more accentuated effects and a gold coated reflector umbrella is the best solution for warm color rendition when shooting portraits or nudes. The transparent white umbrella leads to similar results and can also be used for portraits. As the light is not only reflected but also transmitted, it can also be used for direct lighting.

In the end an umbrella provides for softer, shadowless and more even illumination.

If there is no room for placing stands, clamps and mounting accessories are valuable helpers to attach lights on shelves, doors or to tables.

5031
5033
5035
5048

5031
„Compact" Light Stand

Light-weight stand with five-section telescope centre column. Particularly suited for use in portable equipment kits. Solid flat metal legs. Reversible thread pin with 1/4" and 3/8" mounting threads and with adapter sleeve for standard 16 mm (5/8") pivot pins. Made of black anodized light alloy.

Setting height: approx. 49–190 cm
                (19.3 - 74.8 in.)
Length closed: approx. 48 cm (18.9 in.)
Load: max. 1.5 kg (3.3 lbs)
Weight: approx. 930 g (2 lbs.)

5033
„Standard" Light Stand

Light-weight stand with four-section telescope centre column. Solid flat metal legs. Reversible thread pin with 1/4" and 3/8" mounting threads and with adapter sleeve for standard 16 mm (5/8") pivot pins. Made of black anodized light alloy.

Setting height: approx. 88-250 cm
                (34.6- 98.4 in.)
Length closed: approx. 86 cm (33.9 in.)
Load: max. 5 kg (11 lbs.)
Weight: approx. 1280 g (2.8 lbs)

5035
„Profi" Light Stand

Heavy-weight stand with three-section teles-cope centre column. Reinforced tripod base. Reversible thread pin with 1/4" and 3/8" mounting threads and with adapter sleeve for standard 16 mm (5/8") pivot pins. Made of black anodized light alloy.

Setting height: approx. 103–290 cm
                (40.6 - 114.2 in.)
Length closed: approx. 101 cm (39.8 in.)
Load: max. 10 kg (22 lbs.)
Gewicht: approx. 2050 g (4.5 lbs.)

5048
Reversible Thread Pin

Pin with 1/4" and 3/8" mounting threads. For 5031, 5033, 5035, 3402, 3403, 3404, 3421, 3423, 5044, 5041, 5027, 5028, 5043, 5045. Pin is mounted to the light and is inserted into the 16 mm sleeve of the stand or moun-ting accessory.

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3402
„Small" Light Stand

Four-part extending center column with air cushion, locked by big clamping ring. Centre column and legs made of aluminium tube. Reversible thread pin with 1/4" and 3/8" mounting threads.

Setting height:	approx. 72–210 cm (28.3 - 82.7 in.)
Length closed:	approx. 68 cm (26.8 in.)
Load:	max. 3 kg (6.6 lbs.)
Weight:	approx. 1400 g (3.1 lbs.)

3403
„Medium" Light Stand

Three-part extending center column with air cushion, locked by big clamping ring. Centre column and legs made of aluminium tube. Reversible thread pin with 1/4" and 3/8" mounting threads.

Setting height:	approx. 99–244 cm (39 - 96.1 in.)
Length closed:	approx. 91 cm (35.8 in.)
Load:	max. 6 kg (13.2 lbs.)
Weight:	approx. 1700 g (3.7 lbs.)

3404
„Large" Light Stand

Four-part extending center column with air cushion, locked by big clamping ring. Centre column and legs made of aluminium tube. Reversible thread pin with 1/4" and 3/8" mounting threads.

Setting height:	approx. 101–325 cm (39.8 - 128 in.)
Length closed:	approx. 96 cm (37.8 in.)
Load:	max. 10 kg (22 lbs.)
Weight:	approx. 1850 g (4.1 lbs.)

5049
Tripod Adapter

For mounting devices with 1/4" tripod bush on tripods with 3/8" connecting thread. With 1/4" threaded pin and 3/8" threaded hole.
Height: approx. 27 mm (1.1 in.)

3403

3404

3402

5049

3423
Studio Stand

Mobile light stand for heavy-duty service (e.g. for proVision softlights), 28 mm (1.1 in.) vertical mounting hole, two horizontal mounting holes, 28 mm (1.1 in.) and 16 mm (0.6 in.). With adapter for 28 mm receptacle hole and 16 mm standard spigot with 3/8" thread. Crank operated height adjustment, with securing key and locking screw.

Setting height:	approx. 138-218 cm (54.3 x 85.8 in.)
Load capacity:	max. 30 kg/15 kg (66 lbs./33 lbs.) (vertical/horizontal)
Weight:	approx. 10.4 kg (22.9 lbs.)

3421
Studio Stand

Mobile and extremely stable light stand. Folding tripod legs with fixable pivoting rollers. Centre column steplessly adjustable between 1.40 m and 2.30 m (4.6 and 7.5 ft.) Hole for standard 28 mm (1.1 in.) pivot pin and with reducer to 16 mm (.6 in.). Reversible thread insert with 3/8" and 1/4" mounting thread.

|	
Setting height:	approx. 140 - 230 cm (55.1 - 90.6 in.)
Load capacity:	max. 50 kg on centre (110 lbs.)
Weight:	approx. 6.8 kg (15 lbs.)

3420
Studio Stand

Mobile and extremely stable light stand. Folding legs with fixable pivoting rollers. Hole for standard 28 mm (1.1 in.) pin, concealed standard 16 mm (0.6 in.) pin.

Setting height:	approx. 80 to 122 cm (31.5 to 48 in.)
Load capacity:	25 kg (55 lbs.) on centre
Weight:	8 kg (17.6 lbs.)

3407
Background Support System

Complete system to support paper background rolls in widths of up to 275 cm (9 ft). Consists of two stands, extendable to 3.25 m (10.7 ft.), and a 3-section horizontal pole to hold the background roll. The stands can also be used separately as light stands.
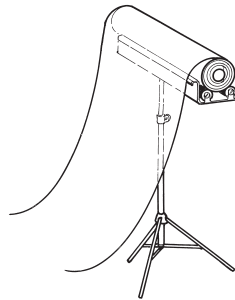
Complete kit in a carrying case.
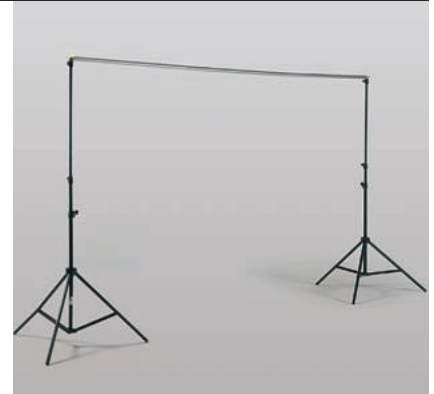
5923
Background Cardboard Holder

Holds 110 to 270 cm (3.6 x 8.9 ft.) width background cardboard on rolls.
For mounting on tripods with 3/8" thread.

Width: approx. 85 cm (33.5 in.)

5044
Universal Clamp with Extension Arm

Universal clamping device for boards up to 30 mm (1.2 in.), also suitable for attachment to tubes of 13 to 55 mm (.5 to 2.2 in.) diameter. Detachable extension arm with interchangeable 1/4" and 3/8" mounting threads.

5041
Joint with Umbrella Mount

Heavy-duty metal joint for attaching lighting units to stands. Upper section can be tilted and locked in any position. With hole (9.2 mm diam.) for reflector umbrella. Reversible 1/4" and 3/8" thread pin in upper section, reversible 1/4" and 3/8" thread sleeve in lower section.

Height: approx. 115 mm (4.5 in.)

1512
Clamp

For simple attachment of lightweight lighting units. Removable accessory shoe on ball joint. Tiltable to all sides in infinite steps, lockable in any position. Additional connecting thread 1/4". With reflector umbrella holder ø 9.2 mm. Clamp is impact-resistant plastic with non-slip rubber studs.

Clamp span: max. 40 mm (1.6 in.)
Height: approx. 90 mm (3.5 in.)

3084
Umbrella Mounting Rod

Allows attachment of a studio/reflector umbrella precisely in the line of the lighting unit.

For use together with 5041.
Length: approx. 380 mm (15 in.),
hole for umbrella: approx. 9.2 mm (.36 in.)

1522
Reflector Umbrella

White, waterproof coated nylon fabric. For use as a reflector and for shoot-through lighting with small lamps or flash equipment. Rods chrome or nickel-plated.

Diameter: approx. 37 cm (14.6 in.)
Height: approx. 30 cm (11.8 in.)
Rod-ø: approx. 7.9 mm (.31 in.)

3080
Studio Umbrella

With white nylon fabric. Suitable as reflector or for shoot-through lighting. For use with lighting units and flash equipment. Chrome-plated rods, umbrella spoke tips of white plastic.

Umbrella diameter: approx. 90 cm (35.4 in.)
Height: approx. 58 cm (22.8 in.)
Rod-ø: approx. 7.8 mm (.3 in.)

3081
Reflector Umbrella

For use with lighting units and flash equipment. Inside white. Chrome or nickel-plated rods.

Umbrella-ø: approx. 80 cm (31.5 in.)
Height: approx. 55 cm (21.7 in.)
Rod-ø: approx. 7.8 mm (.3 in.)

3080

3081

3042–43
Reflector Umbrella

For use with lamps and flash equipment. For particularly soft lighting, high reflection. Outside black PVC fabric. Rods chrome or nickel-plated.

Umbrella-ø: approx. 85 cm (33.5 in.)
Height: approx. 58 cm (22.8 in.)
Rod-ø: approx. 7.8 mm (.3 in.)

3042: inside silver coated for accentuated illumination

3043: inside gold coated for warmer colour reproduction

3042

3043

Being in a Tight Spot

Especially when shooting smaller objects, accurate and controlled lighting can be a problem. An irregular shape might require light that bends around a corner, for example when covering openings or hollow spaces, or a spectacular production calls for an extremely precise set-up of several light sources.

Photographic documentation of technical subjects or image capturing of pieces of evidence require above all accurate rendition of details without any disturbing effects like shadows.

Small, flexible lights can be of great help in these cases. They do not need stands because they can be clamped to a convenient spot and a bendable gooseneck arm provides for exact positioning of the light. In the same way you may also attach reflectors, foils and even small and light-weight cameras.

And when you are definitely in a tight spot, then you can even get the light around the corner - with help of the light guides of a fiber-optic lighting system.

KAISER
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5960
20 W Halogen Light

With flexible arm, length approx. 50 cm (19.7 in.), 14 mm (0.55 in.) diam., standard 16 mm (0.6 in.) pin. 1.8 m (5.9 ft.) power cable with integrated cable switch.

Includes halogen lamp 12 V, 20 W, 3100 K, 60° angle of illumination.

5966/81/87
Halogen Lamp

For 5960 and 5965 Halogen Lights.
12 V, 3100 K.

5981 20 W, 10° angle of illumination
5987 20 W, 38° angle of illumination
5966 20 W, 60° angle of illumination

5965
50 W Halogen Light

With flexible arm, length approx. 50 cm (19.7 in.), 14 mm (0.55 in.) diam., standard 16 mm (0.6 in.) pin. 2.5 m (8.2 ft.) power cable and dimmer with end-position switch-off. Includes halogen lamp 12 V, 50 W, 3100 K, 60° light angle. 20 W and 35 W halogen lamps can also be used.

5967-68/82-83/88-89
Halogen Lamp

For 5965 halogen light. 12 V, 3100 K.

5982 35 W, 10° angle of illumination
5988 35 W, 38° angle of illumination
5967 35 W, 60° angle of illumination

5983 50 W, 10° angle of illumination
5989 50 W, 38° angle of illumination
5968 50 W, 60° angle of illumination

5027-28/5043
Clamp

To mount on tubes and boards.
Fits standard 16 mm (0.6 in.) pin.

5027: Small table clamp, clamping width: 35 mm (1.4 in.).
Weight: approx. 160 g (5.6 oz.).

5028: Large table clamp, clamping width: 80 mm (3.1 in.).
Weight: approx. 450 g (15.8 oz.).

5043: Universal clamp, to mount on tubes of 13-55 mm (0.5-2.2 in.) diameter. Supplied with a wedge. Then can be mounted on approx. 30 mm (1.2 in.) thick boards. Weight: approx. 450 g (15.8 oz.).

5027

5028

5043

5040
Magic Arm

To mount and individually align cameras, lights and accessories. Mounted with reversible thread adapter on tripods and clamps with a 16 mm (0.6 in.) sleeve. Mounting platform with sliding 1/4". Camera screw, 3/8". conversion thread and reflector umbrella mount. Reversible thread adapter with 1/4" and 3/8" internal thread and with ball-and-socket joints at both ends. Both ball-and-socket joints and the middle joint are released and tightened by a central locking disk. Max. load (in horizontal position): 4 kg (8.8 lbs.)

5026/5038-39
Flexible Arm

Flexible holding arm with standard 16 mm (0.6 in.) pin, 1/4" mounting thread, black.
5026: Approx. 50 cm (19.7 in.) long, 14 mm (0.55 in.) diam., cable can be conducted through the arm. With knurled counter-locking disk. Load (in horiz. position): approx. 200 g (7oz).
5038: Approx. 55 cm (21.7 in.) long, 12 mm (0.5 in.) diam., load (in horizontal position): approx. 180 g (6.3 oz).
5039: Approx. 55 cm (21.7 in.) long, 18 mm (0.7 in.) diam., load (in horizontal position): approx. 600 g (21.1 oz).

5038
5039
5026

5045
Base for Flexible Arm

Base for 5026/38/39 Flexible Arms and 5040 Magic Arm. With 16 mm (0.6 in.) sleeve for standard pin. Variable leg distance up to 48 cm (18.9 in.) max.

Weight: 2.2 kg (4.8 lbs.)

5029
Clamp Adapter

For attachment of parts with circular profile (ø 7-18 mm/0.3-0.7 in.), e.g. pen cameras, LED light sources, fiber-optic light guides etc. 1/4" connecting thread.

5046
Holding Clamp

Double clamp, 20 mm (0.8 in.) max. open width, to mount filter foils, reflectors, masks and other accessories.

3102
Clamp-on Lamp Holder

Gooseneck lamp rod, pivotable and variable adjustable. Shock-resistant plastic clamp with non-slip rubber cleats.
For lamps up to 250 W, E 27.

Clamp span: 40 mm (1.6 in.) max.
Lamp staff: approx. 350 mm
                     (13.8 in.) long
Cord: 2.9 m (9 1/2 ft.), with
                     cord switch

Supplied without lamp.

150 W, E 27   3128

3120
Clamp-on Lamp Holder

Lamp rod pivotable, tiltable, and adjustable in height. Plastic-coated non-slip metal clamp.
For lamps up to 250 W, E 27

Clamp span: 60 mm (2.4 in.)
Lamp rod: approx. 250 mm
                     (9.8 in.) long
Cord: 1.5 m (4.9 ft.),
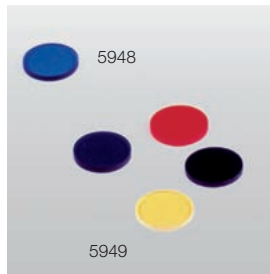   with cord switch

Supplied without lamp.

150 W, E 27   3128

5952

5946

5947

5948

5949

5945
„macrospot 1500"
Fiber-Optic Lighting System

For pinpointed uniform and powerful lighting for macro and micro photography, for table-top photography and for lighting inaccessible areas. Due to the very low heat development and high light yield, cold light is also widely used in microscopy, medicine, fine enginee-ring etc. The two flexible, jointly detachable, glass-fibres optical light guides with swan's neck sheathing can be moved into almost any position required. Angle of reflection approx. 67°. Two-stage switching for full and reduced lighting power, with constant colour temperature of 3200 Kelvin maintained. Extremely low-noise fan cooling at the back of the light source, so subjects not exposed to heat. Only very slight heating of housing due to special heat-dispersing design. Illuminated on/off switch.

Technical data:
Halogen cold light
mirror lamp: 15 V, 150 W, 3200 K
Cord: approx. 2.50 m (8.2 ft.)
Weight: approx. 4.8 kg (10 lbs. 9 oz.)
Dimensions: approx. 230 x 115 x 205 mm
          (9.1 x 4.5 x 8.1 in.) (without handle)
Length of optical light guide:
        approx. 50 cm (19.7 in.)

5946
Iris Diaphragm

For adjusting the angle of reflection from approx. 38° to 20° minimum and simulta-neous dimming by max. five stops. With slot for filter inserts. Can be mounted on light guide. One piece.

5947
Focus Attachment

For Reducing the angle of reflection to 38° approx. With slot for filter inserts. Can be mounted on light guide. One piece.

5948–49/5955
Filter Inserts

Filter screen for insertion into iris diaphragm or focus attachment 5947.
5948: Conversion filter, 3 pieces
5949: Colour filter set, 3 filter screens each in red, blue, green, yellow
5955: Polarisation filter, 3 pieces

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5941
Light Source

15 V, 150 W   5952

Two-stage switching for full and reduced lighting power, with constant colour temperature of 3200 Kelvin maintained. Extremely low-noise fan cooling at the back of the light source. Illuminated on/off switch.

5952
Halogen Cold Light Mirror Lamp

Replacement lamp for lighting system 5945 and light source 5941. 15 V, 150 W, 3200 K, average life approx. 50 hours.

5942–43
Optical Light Guide

For lighting system 5945 and light source 5941. 4 mm thick glass fibre cable with gooseneck sheath. The self-retaining optical light guide can be placed in almost any position. Length per optical light guide: approx. 50 cm (19.7 in.)

5942: 2-arm
5943: 3-arm

5944
Ring Light Attachment

Split ring light for especially homogeneous and shadow-free illumination of subject field. For fastening to camera lenses from 35 to 60 mm (1.4 to 2.4 in.) diameter.

With flexible cord, approx. 75 cm (29.5 in.)

5951
Light Guide with Adapter

Two-arm gooseneck optical conductor with fastening adapter for the Kaiser TopTable product table system and for the rod links on most Kaiser copy lighting units (edge length 16 mm (.6 in.)). Flexible swan's neck cord with plug-in connection for lighting system 5945 and light source 5941, length approx. 90 cm (35.4 in.).

Video Lighting

Basically light does not care if it „works" for a photo or film camera, a video or TV camera, a conventional or digital camera.

On the other hand some cameras ask for special lighting or, at least, for light with specific properties.

If a lighting unit is particularly light and compact and carries its own power source, it then is perfect for camcorders, analog and digital alike. These lighting units can be found in the „Video Light" section starting on page 143.