



VISATEC[®]
by bron

This portfolio offers some practical tips and suggestions for using VISATEC flash units.

The lighting in all the pictures was carried out with VISATEC units. Each picture is accompanied by technical data, diagrams of the set-up and information about the accessories used. This makes it easy for you to put the examples into practice. In addition, if you follow the instructions you are sure to get correctly illuminated, true-colour results. Your results may vary due to differences in local conditions (room size, reflectivity of walls and ceilings, different reproduction scale, camera lens performance, etc.).

Of course a selection had to be made from the many possible lighting styles and potential applications. You will see right away that the advanced VISATEC flash units can make your work much easier – with very positive effects on the composition and quality of your pictures.

The very first time you use VISATEC, you will realize new photographic experiences. Your enjoyment of photography will increase from the availability of new creative possibilities.



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The VISATEC system consists of two groups of monoblocs with different power ratings. VISATEC LOGOS and VISATEC SOLO.

Each unit provides a halogen modelling light which can be operated in three models: full output; proportional to flash energy; or dim. In dim mode, the modelling light is dimmed during re-charging. This allows the photographer to check that all the flashes have fired and protects weak power supply systems from overload. The built-in infrared sensitive photocell can trigger multiple units simultaneously.

Perfect photographic lighting comes from the interaction of many components, all ideally matched to one another. The VISATEC system comes with a comprehensive line of accessories to expand your creativity. All the VISATEC reflectors and accessories use the same quick-release bayonet mount. Any reflector can be rotated 360°, a particular advantage with rectangular reflectors and barn doors.

- Wide power range
- True colour reproduction
- Simple operation
- Radio frequency wireless remote triggering available
- Multiple selection of accessories



The VISATEC System

Monolights



51.130.00
SOLO 400 B
120 V/60 Hz

51.131.00
SOLO 400 B
200-240 V/50 Hz



51.010.00
SOLO 800 B
120 V/ 60 Hz

51.011.00
SOLO 800 B
230 V/50 Hz



51.102.00
SOLO 1600 B
120 V/60 Hz

51.103.00
SOLO 1600 B
230 V/50 Hz



51.104.00
SOLO 3200 B
120 V/60 Hz

51.104.01
SOLO 3200 B
100 V/50 Hz

51.105.00
SOLO 3200 B
230 V/50 Hz



51.040.00
LOGOS 800
200-240 V/50 Hz
bi-voltage

51.041.00
LOGOS 800
100-120 V/60Hz



51.042.00
LOGOS 800 RFS
200-240 V/50Hz
bi-voltage

51.043.00
LOGOS 800 RFS
100-120 V/60 Hz



51.050.00
LOGOS 1600
200-240 V/50 Hz
bi-voltage

51.051.00
LOGOS 1600
100-120 V/60 Hz



51.052.00
LOGOS 1600 RFS
200-240 V/50 Hz
bi-voltage

51.053.00
LOGOS 1600 RFS
100-120 V/60 Hz



51.070.00
LOGOS 800 BC
200-240 V/50 Hz
bi-voltage

51.071.00
LOGOS 800 BC
100-120 V/60Hz

Reflectors and Attachments



①
53.100.00
Standard reflector



②
53.220.00
Barn door



③
53.200.00
**Set of honeycomb
grids for standard
reflector**



④
53.300.00
**Set of colour filters
for standard
reflector**



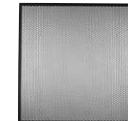
⑤
53.303.00
**Set of diffusers
for standard
reflector**



⑥
53.111.00
Softlight reflector



⑦
53.221.00
**Barn door for
softlight reflector**



⑧
53.201.00
**Honeycomb grid for
softlight reflector**



⑬
53.121.00
Sunlite attachment



⑳
53.120.00
Conical snoot

Softboxes



⑳
53.130.00
Projection attachment
Solospot 1600 B with flash
tube, protecting glass,
gobo holder and masks



㉒
53.131.00
**Gobo set (6 pcs)
for Solospot
1600 B**



㉔
53.122.00
Globo
UV coated acrylic
glasssphere,
ø 30 cm (11.8")



⑨
53.406.00
Soloflex 60
60 x 60 cm
(24 x 24")



⑩
53.408.00
Soloflex 80
80 x 80 cm
(32 x 32")



⑪
53.409.00
Soloflex 100
100 x 100 cm
(40 x 40")



⑫
53.417.00
Soloflex 60 x 90
60 x 90 cm
(24 x 35")



⑬
53.416.00
Soloflex 80 x 160
80 x 160 cm
(32 x 64")



⑭
53.415.00
Soloflex 15 x 125
15 x 125 cm
(6 x 49")

Umbrellas and Stands



15
53.457.00
Umbrella reflector



16
53.451.00
Umbrella, transparent



17
53.452.00
Umbrella, silver



18
53.453.00
Umbrella, sun



19
53.450.00
Umbrella, white



36
35.228.00
Bracket for sus-
pended mounting



29
55.101.00
Stand



30
55.103.00
XL stand



31
55.102.00
Floor stand

Special Accessories



25
56.102.00
Flashmeter
FM 2000



26
56.200.00
Flash trigger



27
56.201.00
Transmitter RFS



27
56.202.00
Transceiver RFS



28
54.104.00
Sync cable,
5 m (16 ft)



54.251.XX
Halogen
modelling lamp
150 W/120V for SOLO
400 B/ 800 B/ 1600
B/3200 B



54.252.XX
Halogen
modelling lamp
150 W/230 V for
SOLO 400 B/800 B/
1600 B/3200 B



54.254.XX
Halogen
modelling lamp
150 W/120 V for
LOGOS 800/1600



54.255.XX
Halogen
modelling lamp
150 W/230 V for
LOGOS 800/1600



54.300.00
Flash tube, coated
for LOGOS 800 and
SOLO 800 B

Light Sources



54.301.00
Flash tube, coated
for LOGOS 1600 and
SOLO 1600 B



54.302.00
Flash tube, clear
for SOLO 3200 B



54.303.00
Flash tube, coated
for SOLO 400 B



54.400.59
Protecting glass, clear
for LOGOS 800/1600
and SOLO 400 B/800
B/1600 B



54.401.00
Protecting glass,
coated
for SOLO 3200 B



32
56.550.00
Bag for 3 stands



33
56.506.00
Travel bag
VISATEC Kits
204, 208, 216

33
56.507.00
Travel bag
VISATEC Kits
304, 308,
316, 384

34
56.508.00
Travel bag
for VISATEC
Kit 232

34
56.509.00
Travel bag
for VISATEC
Kit 332



35
56.503.00
Travel bag
for VISATEC Kit 108

Travel Bags (empty)

Designed for versatility

Designed for versatility, in the studio and on location.

Standard reflector ①

to all LOGOS and SOLO units, with high-quality coating for maximum light output. The built-in filter holder will accept barn doors.

Barn doors ②

to standard reflector; control the light angle and keep light from striking the camera lens.

Set of honeycomb grids ③

to standard reflector, contains three grids with different mesh sizes. They create spot-like effects with different diameters and edge transfers. With bag.

Set of colour filters ④

to standard reflector, consisting of 12 different colour filters that are clamped into the reflector mounts. Colour filters are particularly useful in portrait, beauty and glamour photography.

Set of diffusers ⑤

to standard reflector, consisting of 12 diffusers that clamp into appropriate mounts. Diffusers change the character of the light, reduce hard edged shadows and make the light more diffuse.

Softlight reflector ⑥

produces a soft light, ideal for portraits. To modify the character of the light, two barn doors (7) or a honeycomb grid (8) can be added as accessories.

Soloflex 60, 80, 100 ⑨–⑪

are lightweight, collapsible, square soft boxes. Their light-transmitting surface is professionally bordered, reducing stray light and resulting in improved colour saturation and controlled lighting. Soloflex boxes provide a soft light for practically any field of photography.

12-13 Soloflex 60x90 and 80x160 ⑫–⑬

are lightweight, collapsible, rectangular soft boxes. Their light-transmitting surface is professionally bordered, reducing stray light and resulting in improved colour saturation and controlled lighting. Soloflex boxes provide a soft light for practically any field of photography.

Soloflex 15x125 ⑭

is similar in construction to the rectangular soft boxes, but is elongated like a striplight. Ideal for side fill-in on people or objects, or for background illumination with a gentle gradation and clearly defined shadows.

Umbrella reflector ⑮

is required in order to use umbrellas with SOLO 1600 B and 3200 B (umbrellas are used with the universal reflector for SOLO 800 B).

Umbrellas ⑯–⑲

can be divided into two categories; diffusers and reflectors. Transparent umbrellas are used to diffuse the light between the light source and subject. Reflective umbrellas are coated with white, silver or a sun colour and cast light indirectly onto the subject. Umbrellas are particularly useful on

location, since they can be set up quickly for use as a main or fill-in light. Transparent umbrellas produce a soft light. White umbrellas yield a gentle portrait or beauty light; silver ones are used for objects; and sun umbrellas cast a warm light that is ideal for glamour photos.

Conical snoot ⑳

restricts the light angle, creating spot-like effects. Ideal as a hair light or for emphasizing important elements within the shot.

Projection attachment Solospot 1600 B ㉑

is an optical system capable of projecting spots, screens, gobos (22), colour filters and patterns. This accessory is used to emphasize important pictorial elements or as a hair or background light. The Solospot 1600 B projection attachment is supplied with a special flash tube, a protecting glass, mat, a gobo holder and three masks.

Gobo set ㉒

are made of high-grade steel. Six different motifs. Gobos are used instead of the masks with the Solospot 1600 B. As the projection attachment can be focused the motifs of the gobos can be projected blurred or sharp to backgrounds, people and objects.

Sunlite attachment ㉓

reduces the size of the lightsource to a minimum as only the bare flash tube is active, without any reflective material around. The integrated barn door allow to control the amount of indirect light and the contrast of the picture.

Designed for versatility

Globo 24

an acrylic sphere with a diameter of 30cm. This lightshaper has a lightangle of 360 degrees and allows very soft and even illuminations particularly for interior-, beauty- and fashion-photography.

FM 2000 Flashmeter 25

measures the light from individual or multiple flashes in full and one-third stop intervals. Measurement range is 14 stops and the display consists of large, easily readable LCD digits.

Trigger 26

can be mounted on the camera like a flash and its infrared flash triggers VISATEC flash units at close or medium range. Two disposable or rechargeable batteries provide power.

RFS system 27

allows triggering and optionally remote controlling of the LOGOS units equipped with RFS interfaces.

Sync cable 28

connects the camera to a VISATEC flash unit. Additional units can be triggered by their built-in photocells. Cable length is 5 m (16 ft).

Stand 29

consists of four parts which nest and collapse inside one another like a telescope. The VISATEC stand is airdamped: mechanical shocks are softened by a cushion of air during height adjustment.

XL stand 30

symmilar to the VISATEC stand but in a higher and stronger construction.

Floor stand 31

comprises stand base for telescope extension, adjustable from 40 to 75 cm (16 to 30"), 3/8" threaded adapter to fix the flashlight unit on the base.

Bag for stands 32

holds up to three VISATEC stands and protects them from dust.

Travel bags 33–35

are available in a variety of sizes. VISATEC flash units with accessories can be stored in these bags, protecting your valuable equipment when you travel.

Bracket for suspended mounting 36

to fix SOLO 1600 B / 3200 B units on the ceiling.

The **RFS Kits** include LOGOS RFS monolights (instead of the LOGOS units) and 1 transmitter RFS in addition to the existing kit contents.

1. LOGOS Kit 108 /LOGOS Kit 108 RFS

- 51.045.00 / 51.059.00 120 V
- 51.044.00 / 51.058.00 230 V
- 1 LOGOS 800 incl. flash tube, modelling lamp, protecting glass and grey transport protection cap, mains cable
- 1 standard reflector
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

SOLO Kit 108

- 51.012.00 120 V
- 51.013.00 230 V
- 1 SOLO 800 B incl. flash tube, modelling lamp, protecting glass and grey transport protection cap, mains cable
- 1 standard reflector
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

2. SOLO Kit 204

- 51.132.00 120 V
- 51.133.00 230 V
- 2 SOLO 400 B incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

3. LOGOS Kit 208 /LOGOS Kit 208 RFS

- 51.047.00 / 51.061.00 120 V
- 51.046.00 / 51.060.00 230 V
- 2 LOGOS 800 incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

SOLO Kit 208

- 51.020.00 120 V
- 51.021.00 230 V
- 2 SOLO 800 B incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

4. LOGOS Kit 216 /LOGOS Kit 206 RFS

- 51.055.00 / 51.065.00 120 V
- 51.054.00 / 51.064.00 230 V
- 2 LOGOS 1600 incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

SOLO Kit 216

- 51.112.00 120 V
- 51.113.00 230 V
- 2 SOLO 1600 B incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, white
- 1 umbrella reflector
- 1 synchronous cable, 5 m
- 1 travel bag

5. SOLO Kit 304

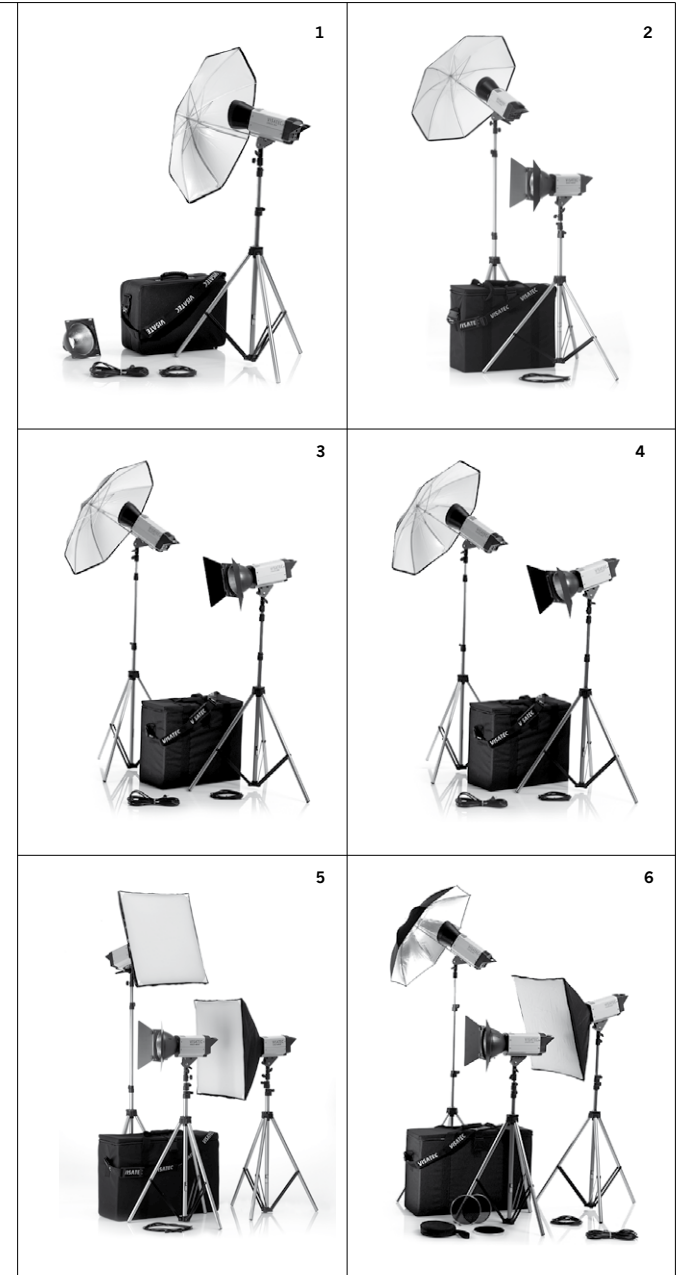
- 51.126.00 120 V
- 51.127.00 230 V
- 3 SOLO 400 B incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 2 Soloflex 60
- 1 synchronous cable, 5 m
- 1 travel bag

6. LOGOS Kit 308 /LOGOS Kit 308 RFS

- 51.049.00 / 51.063.00 120 V
- 51.048.00 / 51.062.00 230 V
- 3 LOGOS 800 incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, silver
- 1 umbrella reflector
- 1 Soloflex 60
- 1 set of honeycomb grids
- 1 synchronous cable, 5 m
- 1 travel bag

SOLO Kit 308

- 51.030.00 120 V
- 51.031.00 230 V
- 3 SOLO 800 B incl. flash tubes, modelling lamps, protecting glasses and grey transport protection caps, mains cables
- 1 standard reflector
- 1 set of barn doors
- 1 umbrella, silver
- 1 umbrella reflector
- 1 Soloflex 60
- 1 set of honeycomb grids
- 1 synchronous cable, 5 m
- 1 travel bag



Stands are not included in the kits.

7. LOGOS Kit 316 /LOGOS Kit 316 RFS

- 51.057.00 / 51.067.00 120 V
51.056.00 / 51.066.00 230 V
3 LOGOS 1600 incl. flash tubes,
modelling lamps, protecting glasses
and grey transport protection caps,
mains cables
1 standard reflector
1 set of barn doors
1 umbrella, silver
1 umbrella reflector
1 Soloflex 60
1 set of honeycomb grids
1 synchronous cable, 5 m
1 travel bag

SOLO Kit 316

- 51.122.00 120 V
51.123.00 230 V
3 SOLO 1600 B incl. flash tubes,
modelling lamps, protecting glasses
and grey transport protection caps,
mains cables
1 standard reflector
1 set of barn doors
1 umbrella, silver
1 umbrella reflector
1 Soloflex 60
1 set of honeycomb grids
1 synchronous cable, 5 m
1 travel bag

8. SOLO Kit 232

- 51.114.00 120 V
51.115.00 230 V
2 SOLO 3200 B incl. flash tubes,
modelling lamps, protecting glasses
and grey transport protection caps,
mains cables
1 standard reflector
1 set of barn doors
1 umbrella, white
1 umbrella reflector
1 synchronous cable, 5 m
1 travel bag

9. SOLO Kit 332

- 51.124.00 120 V / 51.125.00 230 V
3 SOLO 3200 B incl. flash tubes,
modelling lamps, protecting glasses
and grey transport protection caps,
mains cables
1 standard reflector
1 set of barn doors
1 umbrella, silver
1 umbrella reflector
1 Soloflex 60
1 set of honeycomb grids
1 synchronous cable, 5 m
1 travel bag

10. SOLO Kit 384

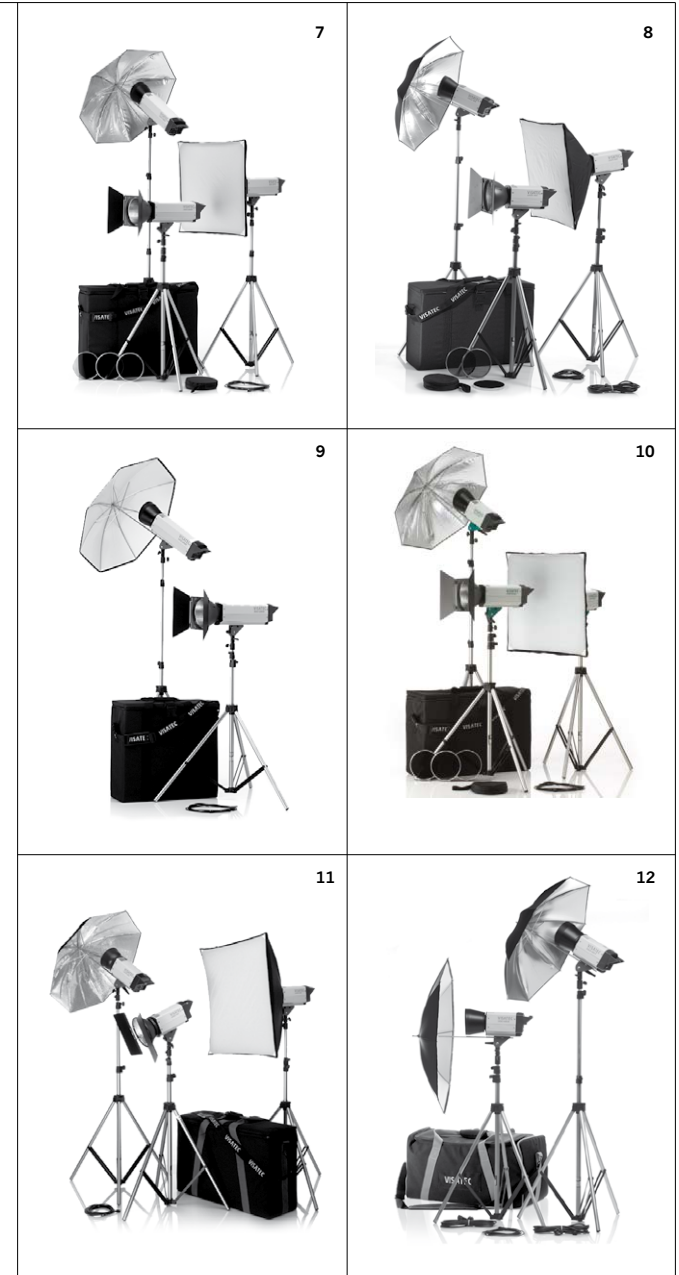
- 51.134.00 120 V / 51.135.00 230 V
2 SOLO 400 B incl. flash tubes,
modelling lamps, protecting glasses
and grey transport protection caps,
mains cables
1 SOLO 800 B incl. flash tube, mod-
elling lamp, protecting glass and grey
transport protection cap, mains cable
1 standard reflector
1 set of barn doors
1 set of honeycomb grids
1 umbrella, silver
1 umbrella reflector
1 Soloflex 60
1 synchronous cable, 5 m
1 travel bag

11. LOGOS Kit 308 BC

- (not available in the USA)
51.072.00 230 V / 51.073.00 120 V
3 LOGOS 800 BC with **broncolor**
bayonet, incl. flash tubes, modelling
lamps, protecting glasses and grey
transport protection caps, mains
cables
1 reflector P-travel
1 barn doors for P-travel
1 umbrella reflector
1 umbrella silver Ø 82 cm
1 Pulsoflex C 70 x 70 cm
1 adapter ring for Pulsoflex C
1 synchronous cable, 5 m
1 travel bag

12. Car-Kit SOLO 400 B / SOLO 800 B

- 51.136.00 / 51.138.00 120 V
51.137.00 / 51.139.00 230 V
2 SOLO 400 B resp. 800 B incl. flash
tubes, modelling lamps, protecting
glasses and grey transport protec-
tion caps, mains cables
2 umbrella reflectors
1 umbrella white
1 umbrella silver
1 sync cable, 5 m
1 car bag



Stands are not included in the kits.

Creating with light

Lighting is a challenge for everybody dealing with photography. The right equipment makes it much easier to realize ambitious pictures.

The following lighting examples show the effect of the most important light formers of the VISATEC range and allow the comparison of one to another.

Basically, there are three different kinds of light:

- **hard light** (small light sources) for well-defined shadows and a very good reproduction of details
- **soft light** (medium sized light sources) for soft shadows and a soft reproduction of details
- **diffused lights** (huge light sources) for very flat and even illuminations

The following pages present selected sample images to illustrate several different kinds of lighting. These pictures use only a small selection of the wide range of VISATEC lighting products, which offer a solution for every conceivable application.

Light formers

Dish reflectors, area lights and spotlights allow to put the models or subject into the right light.

Dish reflectors



These are used for directed light, good detail reproduction and well-defined shadows, highlights.

Spotlights



Here the light is aligned by a lens system and then projected. Shadows are well-defined, even pin-sharp. The type of high-light produced depends principally on the diameter of the light-producing opening. Highlights can vary from small and piercing to broad.

Area lights



In these units, light is diffused by a translucent material.



With the new RFS technology of the VISATEC LOGOS 800/1600, you can trigger your flash unit from as far as 30 meters (98.4 ft) away with no connecting cable; for digital photography, the RFS interface is a convenient way to control imaging from your Mac or PC. You can select from several digitally coded radio channels.

Complete radio remote control

The VISATEC RFS system means you no longer need connecting cables for remote control, and can also get rid of that dreaded «tripwire» (your synchro cable). Every function can now be radio-controlled using the VISATEC RFS transmitter. For users of digital systems – whether Mac or PC – this forges the last link in the chain of completely computer-controlled imaging. VISATEC RFS makes your life easier for digital or analogue imaging, allowing you to concentrate entirely on the picture. The new technology is reliable, convenient and cost-effective.

Everything under control

VISATEC RFS lets you control all the important functions of your VISATEC LOGOS compact units, using a self-explanatory, user-friendly program. Each individual compact unit is identifiable and can be assigned a separate address. With on-screen operation, as many as four separate lighting situations can be stored.

The ultimate in radio triggering

This modern solution replaces the synchro cable and infrared trigger and offers definite advantages. The VISATEC RFS transmitter slides into the camera's accessory shoe and locks in place. Flash synchronisation is accomplished through either the shoe's centre contact or a connecting cable to the camera. The miniature transmitter offers 10 digitally coded channels – a significant advantage over previous flash triggering systems VISATEC RFS is easy to use. A power switch was deliberately omitted, since the lithium button cell has a service life of about five years. For that entire period, the transmitter is always ready to use. Test flashes can be triggered at the push of a button.

Another advantage of VISATEC RFS over existing IR synchronisation technology is its long transmission distance (range up to 300 m/98.4 ft), operating distance 30 m (98.4 ft). Transmission time is less than 1/1000 s.

VISATEC FM 2000 exposure meter – sophisticated and inexpensive.



The VISATEC FM 2000 universal exposure meter, which measures both flash and continuous light, helps any photographer master complex lighting situations. The measurement range for flash (at ISO 100) is f/4.0 to f/90.1 in 1/10-stop increments at shutter speeds settable from 1/1000 to 1 s. Continuous light can be measured (at ISO 100) over a range from f/1.0 to f/90.1 in 1/10-stop increments at shutter speeds settable from 1/8000s to 30 min. Continuous light can also optionally be measured in EV, from -1 to 19.9. Readings are easy to see on the LCD display. The VISATEC FM 2000 can measure both incident and reflected light.



	SOLO 400 B	SOLO 800 B	SOLO 1600 B	SOLO 3200 B
Flash energy	130 J	300 J	600 J	1200 J
f-stop at a distance of 1 m (3.25 ft) 100 ISO, normal reflector	32	45	64	90
Flash duration t 0.5	1/200 s	1/800 s	1/600 s	1/900 s
Charging time (for 100% of selected energy), can be switched to slow charge mode	230 V/50 Hz: 0.25 – 1,1 s 120 V/60 Hz: 0.25 – 1,3 s	230 V/50 Hz: 0.6 – 1,4 s 120 V/60 Hz: 0,6 – 1,4 s	230 V/50 Hz: 0.7 – 1,9 s 120 V/60 Hz: 0.5 – 1,9 s	230 V/50 Hz: 0.6 – 2,2 s 120 V/60 Hz: 0.6 – 2,4 s
Ready display (for 100% of selected energy)	visual			
Control range (visual 100% of selected energy)	3 f-stops	3 f-stops	3 f-stops (continuously)	4 f-stops (continuously)
Modelling light	Halogen 150 W			
Flash release	Synchronous cable, infrared-sensitive photocell (can be switched off), manual release button			
Reflector mount	Automatic interlocking bayonet			
Stabilized flash voltage	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Power requirements	120 V, 50 – 60 Hz: 6 A 200–240 V, 50–60 Hz: 6 A	110–120 V, 60 Hz: 10 A 200–240 V, 50 Hz: 6 A	110–120 V, 60 Hz: 10 A 200–240 V, 50 Hz: 6 A	100 V, 50 Hz: 16 A 110–120 V, 60 Hz: 16 A 200–240 V, 50 Hz: 10 A
Standards	EC standard 73/23, UL 122			
Dimensions (not including mount or handle)	120 x 190 x 340 mm (4,7 x 7,5 x 13,5")	120 x 195 x 410 mm (4,7 x 7,7 x 16,1")	120 x 195 x 410 mm (4,7 x 7,7 x 16,1")	120 x 195 x 495 mm (4,7 x 7,7 x 19,5")
Weight	2,3 kg (5 lbs)	2,8 kg (5,3 lbs)	2,9 kg (6,8 lbs)	4,3 kg (9,5 lbs)





	LOGOS 800	LOGOS 1600
Flash energy	300 J	600 J
f-stop at a distance of 1 m (3.25 ft) 100 ISO, normal reflector	45	64
Flash duration t 0.5	1/800 s	1/600 s
Charging time (for 100% of selected energy), can be switched to slow charge mode	230 V/50 Hz: 0,3 – 1,2 s 120 V/60 Hz: 0,3 – 1,2 s 100 V/50 Hz: 0,3 – 1,5 s	230 V/50 Hz: 0,5 – 1,9 s 120 V/60 Hz: 0,4 – 2,0 s 100 V/50 Hz: 0,4 – 3,0 s
Ready display (visual 100% of selected energy)	visual and audible (can be switched off)	
Control range (continuous)	4 f-stops in 1/3 stop increments	4 f-stops
Modelling light	Halogen 150 W	
Additional functions	Sequences (serial flashes) up to 50 flashes	
Flash release	Manual release button, can be switched off, Infrared-sensitive photocell, sync cable, VISATEC flash release, transmitter RFS (RFS versions only)	
Reflector mount	Automatic interlocking bayonet	
Stabilized flash voltage	+/- 1%	+/- 1%
Power requirements	100–120 V, 50–60 Hz: 10 A 200–240 V, 50–60 Hz: 6 A	
Remote control (only RFS-versions)	By means of the 8 channel RFS interface for remote control of the unit by radio from transceiver RFS from PC or Macintosh computer. Per channel (studio), there can be controlled up to 8 units.	
Standards	EC standard 73/23, UL 122	
Dimensions (not including mount or handle)	120 x 195 x 276 mm (4,7 x 7,7 x 10,8")	120 x 195 x 276 mm (4,7 x 7,7 x 10,8")
Weight	2,6 kg (5,7 lbs)	3,1 kg (5,3 lbs)

