

broncolor

FT System



The broncolor FT System

Powerful, flexible and really easy to use. Be enlightened by the new broncolor FT System.

The broncolor FT System is a continuous lighting system, which is simply unbeatable for light output, flexibility and simplicity.

With four Para reflectors available including accessories and a choice of 800 W / 1600 W daylight or 1000 W / 2000 W (120 V / 230 V) halogen lamps, the FT-System is as easy to extend as it is to use.

Is photography your passion, or is it video that turns you on? With broncolor's new continuous lighting solution, you no longer have to decide, because our Paras paired with halogen or HMI FTs are the right choice for every image. Whether it moves or not.



Typical Para Light

broncolor Paras were always known for their unique light characteristics. Outstanding quality need not always be complicated. By simply repositioning the light source, you can create the perfect light for every mood and image.

For very soft and three-dimensional results, move the light rod out of focus. Which removes the flat lighting effect on people and products.

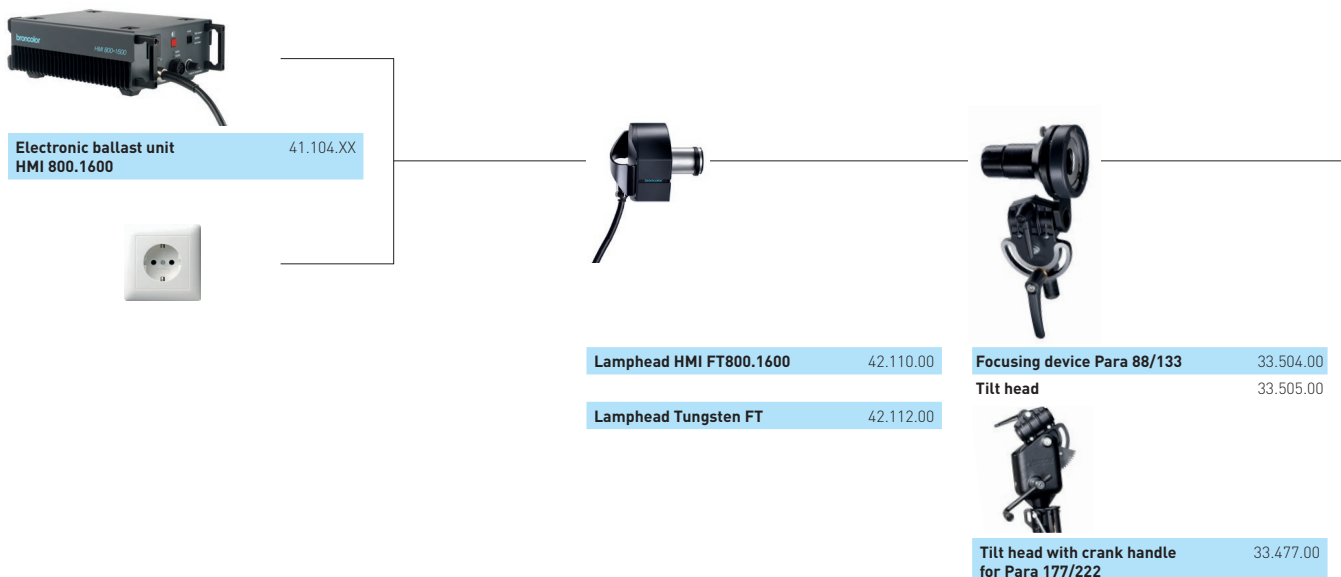
On the other hand, if you focus the light source, the light is practically parallel and concentrates the beam when it leaves the Para, and becomes a very large spot, which because of its size, is never too harsh.

To further control the light coming from the Para a textile honeycomb grids can be mounted on all Paras.

But not only that, with focusing you will always achieve your objective, because you can direct the light precisely on to your motif so that it arrives where you need it. The unique combination of FT light source and Para gives you a very high light output!

In addition the light can be scattered by one of three diffusers of different densities. This makes the dominance of sheen milder and so the light finer, but still "typically Para"!

The apex zone of the 88 HR and 133 HR Paras is made of an especially heat-resistant material tolerant for long periods of time to the very high output 1600FT light source.



The FT System for every application

Video and photo shoots can sometimes be hectic. That is why we have developed the FT light system so that it always consists of the same components and can be set up in a few minutes. Quick and uncomplicated.

With four clamping levers (Para 88 HR and 133 HR) or a crank (Para 177 and 222) the reflectors can be unfolded first, independently of everything else. The focusing rod for that Para is then mounted and the lamp with its back reflector fitted at the front. The other end of the rod takes the lamphead with integral power supply unit – and ... finished!

The broncolor HMI FT1600 is dimmable, provides constant colour at all times, and so is easy to mix with flash and daylight. The light is absolutely flicker-free and thus perfect for high-speed exposures. With a CRI of 95+, the light quality is outstanding.

Halogen light can also be used with the FT System. The FT focusing rod is then fitted with a halogen lamp. The lamphead is then connected directly to the mains without an electronic ballast unit.

The FT rod (for HMI or halogen) can be simply replaced by an F rod for mounting a flash source. And with the right adapter, broncolor lamps and those of many other manufacturers can be mounted in Paras.

With the FT System you are set up for fantastically creative pictures

Should your needs grow, the system is modular and can be expanded as you wish. There is nothing that can come between your ideas and perfect lighting.



Para 88 FT kit	41.173.00
Para 133 FT kit	41.175.00
Para 177 FT kit	41.177.00
Para 222 FT kit	41.178.00



Focusing tube FT88	33.713.00
Focusing tube FT133	33.715.00
Focusing tube FT177	33.717.00
Focusing tube FT222	33.718.00

F rod for use of the broncolor flash and HMI range, kobold lamps and lights of many other foreign manufacturers



Focusing tube F88	33.703.00
Focusing tube F133	33.705.00
Focusing tube F177	33.707.00
Focusing tube F222	33.708.00



Lamp device HMI FT800 with bulb and counter-reflector	42.109.00
Lamp device HMI FT1600 with bulb and counter-reflector	42.111.00

Lamp device Tungsten FT1000 with bulb (120 V) and counter-reflector	42.115.00
Lamp device Tungsten FT2000 with bulb (230 V) and counter-reflector	42.113.00



Technical Data and Accessories

Basic kit

HMI FT800 Kit [42.119.XX](#)
HMI FT1600 Kit [42.118.XX](#)

Tungsten FT1000 Kit (120 V) [42.125.XX](#)
Tungsten FT2000 Kit (230 V) [42.124.XX](#)

	Electronic ballast unit HMI 800.1600	Lamphead HMI FT800.1600	Lamphead Tungsten FT
Power output	800 W / 1600 W	800 W / 1600 W	2000 W (230 V) / 1000 W (120 V)
Compatible with daylight lamps	HMI F575.800, HMI F1600	—	—
Dimming	100–50%	—	—
Flicker-free operation and thermal protection	Yes	—	—
Automatic adaption to the respective mains voltage	90–265 V	—	—
Power requirements	1800 VA	—	—
Dimensions (L×W×H)	360 × 240 × 120 mm (14.2 × 9.4 × 4.7")	170 × 145 × 150 mm (6.7 × 5.7 × 5.9")	170 × 145 × 150 mm (6.7 × 5.7 × 5.9")
Weight	10.9 kg (24 lbs)	1.6 kg (3.5 lbs)	1.1 kg (2.4 lbs)
Base	—	G22	G22
Scope of delivery	Electronic ballast unit HMI 800.1600, Lamphead HMI FT800.1600, Lamp device HMI FT800 or FT1600 with bulb and counter-reflector, Lamp cable, Transport case	—	Lamphead Tungsten FT, Lamp device Tungsten FT 1000 (120 V) or FT2000 (230 V) with bulb and counter-reflector Mains cable, Transport case

Para 88 FT kit
[41.173.00](#)

Para 133 FT kit
[41.175.00](#)

Para 177 FT kit
[41.177.00](#)

Para 222 FT kit
[41.178.00](#)

	Para 88 FT kit	Para 133 FT kit	Para 177 FT kit	Para 222 FT kit
Allowed max. power continuous light	2000 W	2000 W	2000 W	2000 W
F-stop at 3 m (9⁹/₁₀ ft) distanced (HMI FT1600)	foc. 8 ⁹ / ₁₀	foc. 11 ⁴ / ₁₀	foc. 8 ⁹ / ₁₀	foc. 11 ⁷ / ₁₀
F-stop at 10 m (32⁹/₁₀ ft) distanced (HMI FT1600)	foc. 2.8 ⁴ / ₁₀	foc. 4 ⁴ / ₁₀	foc. 4	foc. 4 ⁷ / ₁₀
Lux at 3 m (9⁹/₁₀ ft) distanced (HMI FT1600)	foc. 11550 Lx	foc. 24500 Lx	foc. 18800 Lx	foc. 22000 Lx
Lux at 10 m (32⁹/₁₀ ft) distanced (HMI FT1600)	foc. 1420 Lx	foc. 3500 Lx	foc. 2500 Lx	foc. 4400 Lx
Inside coating	silver	silver	silver	silver
Dimensions/ diameter (without stand)	open Ø 85 × 64 (34 × 24") close Ø 20 × 83 (8 × 33")	open Ø 120 × 77 (30 × 47") close Ø 102 × 20 (40 × 8")	open Ø 170 × 95 (77 × 37") close Ø 40 × 95 (16 × 37")	open Ø 220 × 115 (87 × 45") close Ø 40 × 115 (16 × 45")
Weight	6.4 kg (14.1 lbs)	6.9 kg (15.2 lbs)	11.5 kg (25.3 lbs)	13.5 kg (29.7 lbs)
Scope of delivery	Reflector Para 88 HR, Flash Bag 2, Accessory Bag, Focusing device Para 88/133, suspension rope, tilt head, Focusing tube FT88	Reflector Para 133 HR, Flash Bag 2, Accessory Bag, Focusing device Para 88/133, suspension rope, tilt head, Focusing tube FT133	Para 177, Trolleybag foldable, Suspension rope, Focusing tube FT177	Para 222, Trolleybag foldable, Suspension rope, Focusing tube FT222

Accessories

Para 88

Para 133

Para 177

Para 222

Diffusor 1 (-½ f-stop)	33.472.00	33.293.00	33.287.00	33.469.00
Diffusor 2 (-1 f-stop)	33.473.00	33.294.00	33.288.00	33.470.00
Diffusor 3 (-1½ f-stop)	33.474.00	33.295.00	33.289.00	33.471.00
Light grid	33.221.00	33.232.00	33.230.00	33.231.00

 **broncolor**[®]
THE LIGHT

Bron Elektronik AG
 CH-4123 Allschwil / Switzerland
www.broncolor.com