

Product designation

**Electronic ballast unit
broncolor HMI 575.800**

Art. no. 41.102.XX

Product description

Electronic ballast unit for the daylight lamp base broncolor HMI F575.800 (Art. no. 42.104.00). Equipped with a compact and robust aluminum housing. With LED-display for operation control, mains control as well as earth conductor monitoring. Automatic adaptation to the respective mains voltage from 90 to 265 V. Equipped with dimmer 100% - 60% as well as thermo-protection. Automatic recognition of the set power level of the connected lamp base (575 W or 800 W).

Scope of delivery

Ballast unit, mains cable, operating instructions

Technical data

	with 575 W lamp	with 800 W lamp
Nominal capacity	575 W	800 W
Dimming range	100 % - 60 %	100 % - 60 %
Mains voltage	90 V – 265 V	90 V – 265 V
Ignition possible from	90 V	90 V
Efficiency	0.9	0.9
Power factor	95 % at 230 V / 99 % at 110 V	95 % at 230 V / 99 % at 110 V
Flicker	< 5 %	< 5 %
Ambient temperature	-5°C to 45°C	-5°C to 45°C
Operation possible up to	60°C (from 45°C autom. power reduction to 60 %)	
Dimensions	267 x 184 x 112,5 mm	267 x 184 x 112,5 mm
Weight	2,6 kg	2,6 kg
Power consumption	640 W	900 W
Protection class	I (with strengthened insulation for protection)	
Lamp detection	Automatic 575 W / 800 W	
Standards	EN60922	EN60922
	EN60529	EN60529
	EN61000-3-2/A14 class C, EN55011 class B	EN61000-3-2/A14 class C, EN55011 class B
Directives	73/23/CEE, 89/336/CEE	
Power requirements	200-240 V / 50-60 Hz: 6 A	
	100-120 V / 50-60 Hz: 10 A	
Fuses	2 pieces, 10 AT (sand-filled)	

Data sheet

Compatibility

With daylight lamp base broncolor HMI F575.800 (art. no. 42.104.00).

Accessories

Extension cable, 7.5 m	art. no. 44.200.00
Mains cable EU, black, 5 m	art. no. L6884.00
Mains cable CH, black, 5 m	art. no. L3255.01
Mains cable USA, black, 5 m	art. no. L6884.01
Fuse 10 AT / 5 x 20 mm G	art. no. 30908.00

Special features/ Restrictions

The ballast unit broncolor HMI 575.800 is suitable for use with motor generators provided that their voltage under all charge conditions (including capacity charge) remains within the tolerance limit of 90 – 265 V. Based on our experience, it is necessary that only electronic stabilized motor generators are used.

Application

The daylight source broncolor HMI 575.800, consisting of ballast unit and lamp base is configured for the professional illumination of photography or film scenes.