Product designation

Lamp base broncolor HMI F575.800   **Art. no. 42.104.00**

Product description

Lamp base with shockproof Noryl-housing and hand grip. Bayonet adapter with automatic locking device for diverse broncolor light shapers. Suitable for operation with hot restrike (HR). Equipped with a secure socket for single-ended HMI/MSR lamp. The lamp base can be equipped with 575 W respectively 800 W lamps and is equipped with an appropriate change-over switch. The lamps are pluggable. The lamp base is cooled by a low-noise fan. Due to a stabilized fan supply, it is suited for power supply voltages of 100-240 V. The UV-coated protecting glass (5500 K) is available in a clear and in a matt version. With a focusing device, which permits an adjustment of the lamp angle (P70) in the range of 34° - 82°. Equipped with thermo-protection and integrated tilt head with locking lever. The stand adapter allows the insertion of 12 mm / 0.5 in. and 16 mm / 0.6 in. bolts.

Scope of delivery

Lamp base, protection cap for transport, lamp cable 3,5 m / 11.5 ft., operating instructions

Lamp and protecting glass have to be ordered separately.

Technical Data

	with 575 W lamp	**With 800 W lamp**
Nominal capacity	575 W	800 W
F-stop at a distance 2 m 100 ISO, reflector P70 at 1/60 s	8	8 5/10
Illumination in 2 m	Spot: 13'000 lx	Spot: 20'000 lx
	Angle: approx. 34°	Angle: approx. 34°
	Flood: 3'100 lx	Flood: 4'200 lx
	Angle: approx. 82°	Angle: approx. 82°
Focusing ratio	1: 4,5	
Dimming range	100 % - 60 %	100 % - 60 %
Flicker	< 5 %	< 5 %
Ambient temperature	-5°C to 45°C	-5°C to 45°C
Operation possible up to	60°C (from 45°C automatic power reduction to 60 %)	
Cooling	Stabilized fan	Stabilized fan
Dimensions	321 x 120 x 198 mm	321 x 120 x 198 mm
	12.6 x 4.7 x 7.8 in.	12.6 x 4.7 x 7.8 in.
Weight	2,6 kg / 5.7 lbs	2,6 kg / 5.7 lbs

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Data sheet broncolor

Technical data (continuation)

Safety class	I (with strengthened insulation for protection)	
Standards	EN60922 EN60529 EN61000-3-2/A14 Class C, EN55011 Class B	EN60922 EN60529 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	
Daylight lamp	Osram HMI 575 W/SE Philips MSR 575HR BA 575 SE HR	Sylvania BA 800 SE HR

Compatibility

With ballast unit broncolor HMI 575.800 (art. no. 42.104.00).

Light shaper for HMI F575.800

The lamp base HMI F575.800 is equipped with a Pulso bayonet mount. Therefore the light shapers from the broncolor range listed below are available for light control and light shaping design.

The accessory used in front of the lamp base HMI F575.800, becomes very hot, which requires more precaution and consideration, when using one of the below listed articles. Under some articles you will find the corresponding restriction for use.

Standard reflector P70	Art. no. 33.107.00
Standard reflector P65	Art. no. 33.106.00
Narrow angle reflector P45	Art. no. 33.104.00
Narrow angle reflector P50	Art. no. 33.105.00
Wide angle reflector P120	Art. no. 33.112.00
Reflector P-Travel	Art. no. 33.103.00
Reflector PAR	Art. no. 33.113.00
Softlight reflector P For thermal reasons, only use without counter reflector and without diffusor	Art no. 33.110.00
Reflector Satellite Staro For thermal reasons, only use without Plexi-diffusor	Art no. 33.151.00
Reflector Satellite Evolution	Art. no. 33.150.00
Reflector Mini-Satellite	Art. no. 33.152.00
Special reflectors Para / Para FB	various article numbers

Softbox Pulsoflex EM 80 x 80 cm	Art. no 33.407.00
Only use with adapter ring with integrated reflector (Art. no 43.100.00)	
Softbox Pulsoflex EM 110 x 110 cm (43 x 43 in.)	Art. no 33.408.00
Only use with adapter ring with integrated reflector (Art. no 43.100.00)	
Softbox Pulsoflex EM 80 x 140 cm (31.5 x 55 in.)	Art. no 33.417.00
Only use with adapter ring with integrated reflector (Art. no 43.100.00)	
Softbox Pulsoflex C 100 x 100 cm (39 x 39 in.)	Art. no 33.442.00
Only use with adapter ring with integrated reflector (Art. no 43.100.00)	
Softbox Pulsoflex C 150 x 150 cm (59 x 59 in.)	Art. no 33.445.00
Only use with adapter ring with integrated reflector (Art. no 43.100.00)	
Softbox Pulsoflex C 80 x 140 cm (31.5 x 55 in.)	Art. no 33.446.00
Only use with adapter ring with integrated reflector (Art. no 43.100.00)	
Area light Mini-Cumulite	Art. no 33.141.00
For thermal reasons the glass counter-reflector (33.301.00) may not be used	
Area light Hazylight Soft	Art. no 33.513.00
For thermal reasons the glass counter-reflector (33.301.00) may not be used	
Area light Megaflex	Art. no 33.521.00
Area light Cumulite 2	Art. no 33.534.00
Area light Megalite (14 different sizes)	Art. no 33.540.XX
	Art. no 33.541.XX

For **thermal** reasons the following light shapers **may not be used**:

Conical snoot	Art. no 33.120.00
Fresnel spot attachment	Art. no 33.630.00
Spot attachment	Art. no 33.640.00
All honeycomb grids for all metal reflectors	diverse. Art no
All umbrellas Ø 82 cm (32 in.) and Ø 102 cm (40 in.)	div. Art.no
Reflector Mini-Hazylight	Art. no 33.133.00
Area light Hazylight 2	Art. no 33.511.00
Area light Balloon	Art. no.33.161.00

Accessories

Parabolic reflector for HMI F575.800 with 4 lenses (5500 K)	Art. no 43.103.55
Parabolic reflector for HMI F575.800 with 4 lenses (5900 K)	Art. no 43.103.59
Lamp HMI 575 W/SE for lamp base HMI F575.800	Art. no 44.100.00
Lamp BA 800 SE HR for lamp base HMI F575.800	Art. no 44.104.00
Protecting glass (5500 K) for lamp base HMI F575.800	Art. no 44.101.55
Protecting glass (5500 K), matt for lamp base HMI F575.800	Art. no 44.102.55
Adapter ring for Pulsoflex C/EM for lamp base HMI F575.800	Art. no 43.100.00
Lamp extension cable, 7.5 m / 24.6 ft.	Art. no 44.200.00
Protection cap for transport, grey for lamp base HMI F575.800	Art. no Z5917.00

Special features / restrictions

The lamp base HMI F575.800 can be optionally equipped with a daylight lamp of power level 575 W or 800 W. **Attention**: Adjust beforehand with a coin or a screw driver the desired power level with the change-over switch (either 575 W or 800 W)

The corresponding protecting glass must be used categorically to protect from lamp explosion and UV-radiation. The lamp base HMI F575.800 is provided with circuit breaker. Therefore the unit cannot be switched on without a protecting glass.

Application area

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