

Niethammer Spotlights

Zoom Follow spotlight
MZU 106D
MZU 256D



1200/2500 Watt HMI
6° - 17°



MZU 106D (HMI-RSI-MSI) MZU 256D (HMI-RSI-MSR)

Order-Nr. N106-001

Order-Nr. N256-001

Specification

Optical System

- Spherical double-reflector system electrolytically polished and anodised high purity aluminium
- All lenses equipped with broadband anti-reflective coating
- Aspherical condenser lens
- Plano convex intermediate lens in lamp housing
- 2 zoom lenses and double condenser optics
- Focal length and focusing single-side-adjustable by individual controls
- Optional Colorchanger für the front cassette

Electrical components

- 2.5m mains cable with Schuko plug
- Lamp holder G38 for 1.250W and 2.500W / 220-240V
- MZU 106D with ballast, hot restrikable
- MZU 256D with electr. ballast, hot restrikable
- Low noise axial fan

Housing

The lamp housing is equipped with an integrated four-blade shutter a slot for a gobo holder (size A) and a field-replacable beam size iris.

The lamp housing cover can be swivelled back to provide rapid access to lamp, lens and reflector. A follow-handle is provided on the rear cover of the housing.

The spotlight is equipped with a three-slot front cassette according to DIN 15560 (270 x 270mm) for gel holders and accessories.

The entire housing has an anthracite-coloured heat and wear resistant finish.

Mounting

- Stable, steel section fixing yoke with bearings on both sides.
- A cranked yoke is optionally available.
- Yoke with drilled holes matching a spotlight base plate or wall hook according to DIN 15560.
- The integrated tilt lock will not affect the spotlight's tilt position when
- All metal parts are corrosion-protected.
- The lamp housing is fully rotatable through 360° and lockable in its normal orientation.

Scope of delivery

The standard model is supplied with a metal protective grid and 2.5m mains cable open end, rotatable base, and ball-bearing-Swing

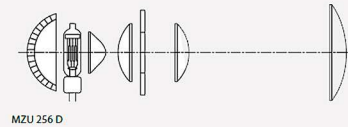
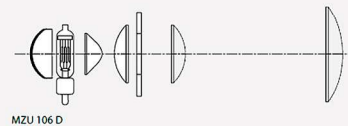
Safety/Reliability

- The spotlight complies to the relevant European safety regulations (EN 60598-1, EN 60598-2-17) and is labeled with the CE marking.
- No sharp edges on spotlight body.
- Handles and controls are made from non-thermoconductive materials.
- All metal parts are corrosion-protected.
- Self closing latch prevents accessories from dropping out of the front cassette.



Technical specifications

Beam angle/zoom 6°–17°
 Gobo size A-Size
 Lamp socket G 38
 Lamp power 1,2/2,5kW
 Front cassette size 270 x 270 mm
 Dimensions 835 x 430 x 595 mm
 Net weight 25 kg



Photometric data

1,200 W / 100,000 lm	Distance (m)	10.0	15.0	20.0	30.0	40.0	50.0	60.0	70.0
min. opening angle: 6° ax.= 2620,000cd	ø Dia. Light circle (m)	1.05	1.57	2.09	3.14	4.10	5.23	6.27	7.32
	Luminous intensity (lx)	26,200	11,644	6,550	2,911	1,637	1,048	727	534
max. opening angle: 17° ax.= 397,000cd	ø Dia. Light circle (m)	2.99	4.48	5.98	8.97	11.96	14.95	17.93	20.92
	Luminous intensity (lx)	3,970	1,764	992	441	248	158	110	81

2,500 W / 240,000 lm	Distance (m)	10.0	15.0	20.0	30.0	40.0	50.0	60.0	70.0
min. opening angle: 6° ax.= 4200,000cd	ø Dia. Light circle (m)	1.05	1.57	2.09	3.14	4.10	5.23	6.27	7.32
	Luminous intensity (lx)	42,000	18,666	10,500	4,666	2,625	1,680	1,166	857
max. opening angle: 17° ax.= 550,000cd	ø Dia. Light circle (m)	2.99	4.48	5.98	8.97	11.96	14.95	17.93	20.92
	Luminous intensity (lx)	5,500	2,444	1,375	611	343	220	152	112

Accessories

1090.52.505	PFM/275 - Metal filter holder, 275 x 275mm
N215-910	GH 100-D - Goboholder A-Size
N70-089	Lamp 1200W HMI, G38
N70-087	Lamp 2500W HMI, G38
N208-980	FWV208 - Manual 4-colour changer (colours: red, yellow, green, blue)
N11-784	ST 123 - Follow Stand tripod 800-1200mm high
N11-967	ST 124 H - Follow Heavy Duty with stabilisers 840-1200mm high
N 106-620	IH 106D - manuel dimmer (constant colour temperature)

