

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

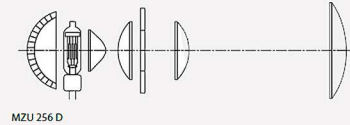
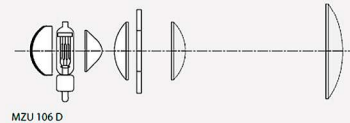
Safety/Reliability

- 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) |

