

Mini-Musco™

Maximum versatility & flexibility

The Mini-Musco™ meets the need for a more compact and adaptable mobile lighting unit.

The Mini-Musco delivers the Academy Award®-winning lighting system in a smaller package. Tight locations and quick moves have never been easier. It also features a sound-attenuated generator mounted on board the compact truck chassis, offering maximum versatility for virtually every situation.

The fully articulated crane is capable of complete rotation, providing maximum flexibility when positioning the light rack. The entire bank of high-output fixtures can achieve multi-directional lighting with both rack and fixture rotation/tilt capability.

The Mini-Musco 80 features electronic ballasts, assuring flicker-free operation at any camera speed and shutter angle.

Delivering the ultimate in artistic possibilities while cutting the cost of equipment and additional manpower, the Mini-Musco has become a favorite with both the creative team and the budget-conscious producers in all venues of the entertainment, special events and sports industries.



FEATURES

- Six 6K HMI par lights
- Fixtures have 359° pan, 240° tilt, and spot/flood capability
- Fully articulated boom and light rack
- Flicker-free (electronic) ballasts available
- Sound-attenuated generator mounted on board
- Full remote control operation
- Set-up and relocation time takes only minutes

COMPLETE LIGHTING SERVICES

- Consulting
- Technical Support
- Installation

APPLICATIONS

- Motion pictures
- Commercials
- Television
- Music videos
- Special Events
- Sport Events
- Construction
- Emergency



Musco Lighting received both an Emmy and an Academy Award for lighting advances in television and motion pictures.



We Make It Happen.
www.musco.com

Sports & Special Events

100 1st Ave West
Oskaloosa, IA 52577
Phone: 641/673-0411
Fax: 641/673-4740

Nationwide:
800/825-6020

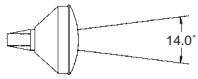
Film and Entertainment

15311 Barranca Pkwy
Irvine, CA 92618

Photometrics

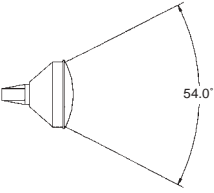
Mini-Musco™

Individual Head



Spot Focus

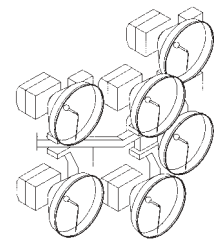
Throw (ft.)	100	200	300	400	500	1000
Footcandles	1100	275	122	69	44	11
½ Peak Dia.	13.2	26.3	39.5	52.7	65.8	131.7



Flood Focus

Throw (ft.)	50	100	150	200	250	300
Footcandles	170.0	42.5	18.9	10.6	6.8	4.7
½ Peak Dia.	53.2	106.3	159.5	212.7	265.9	319.0

Six Head Array



Long Throw

Throw	Footcandles	Half Peak Dia.
500 ft.	264.0	65 ft.
1000 ft.	66.0	131 ft.
2000 ft.	16.5	263 ft.
3000 ft.	7.3	395 ft.
5000 ft.	2.6	658 ft.

Wide Flood

Coverage	Footcandles
200 x 200	56.0
400 x 400	28.0
600 x 600	10.0
800 x 800	3.2
1000 x 1000	1.6

The above photometric data is meant to provide approximate light levels at the respective distances and coverage area. Field conditions may vary. Computer generated plots are available upon request.

Truck Specifications

Dimensions/Weight

	Mini-Musco 60*	Mini-Musco 80**
Lighting Platform Height:	0-60'	0-80'
Weight:	30,000	39,700
Height:	11' 11"	13' 2"
Length:	33' 4"	38' 4"
Width:	Travel 8' 6" Setup 12'	Travel 8' 6" Setup 14'
Generator:	55 kw	55 kw
Fuel Capacity:	12 hours (app. 5 gph)	20 hours (app. 5 gph)
Flicker Free Ballast:	No	Yes

* East Coast Based ** West Coast Based



Performance

- Number of lamps: 6
- Output per instrument: 600,000 lumens
- Boom: 359° Rotation
- Array**
- Pan: 359°
- Rack tilt: 120°
- Jib tilt: 235°

Fixture

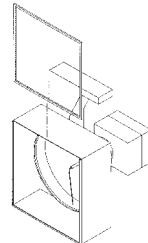
- Pan: 359°
- Tilt: 240°

- Setup time: 15 minutes
- Setup time with gel: 30 minutes
- Relocation time: 10 minutes (plus travel)

Gel/Diffusion Frame

Material Requirements

(6) 24" x 24"



We Make It Happen®

800/825-6020

www.musco.com

email: muscolight@musco.com

Corporate Office:
100 1st Avenue West / P.O. Box 808
Oskaloosa, Iowa 52577
641/673-0411 • Fax: 641/673-4740