

# MHLN203 Series 120/277V PAR20

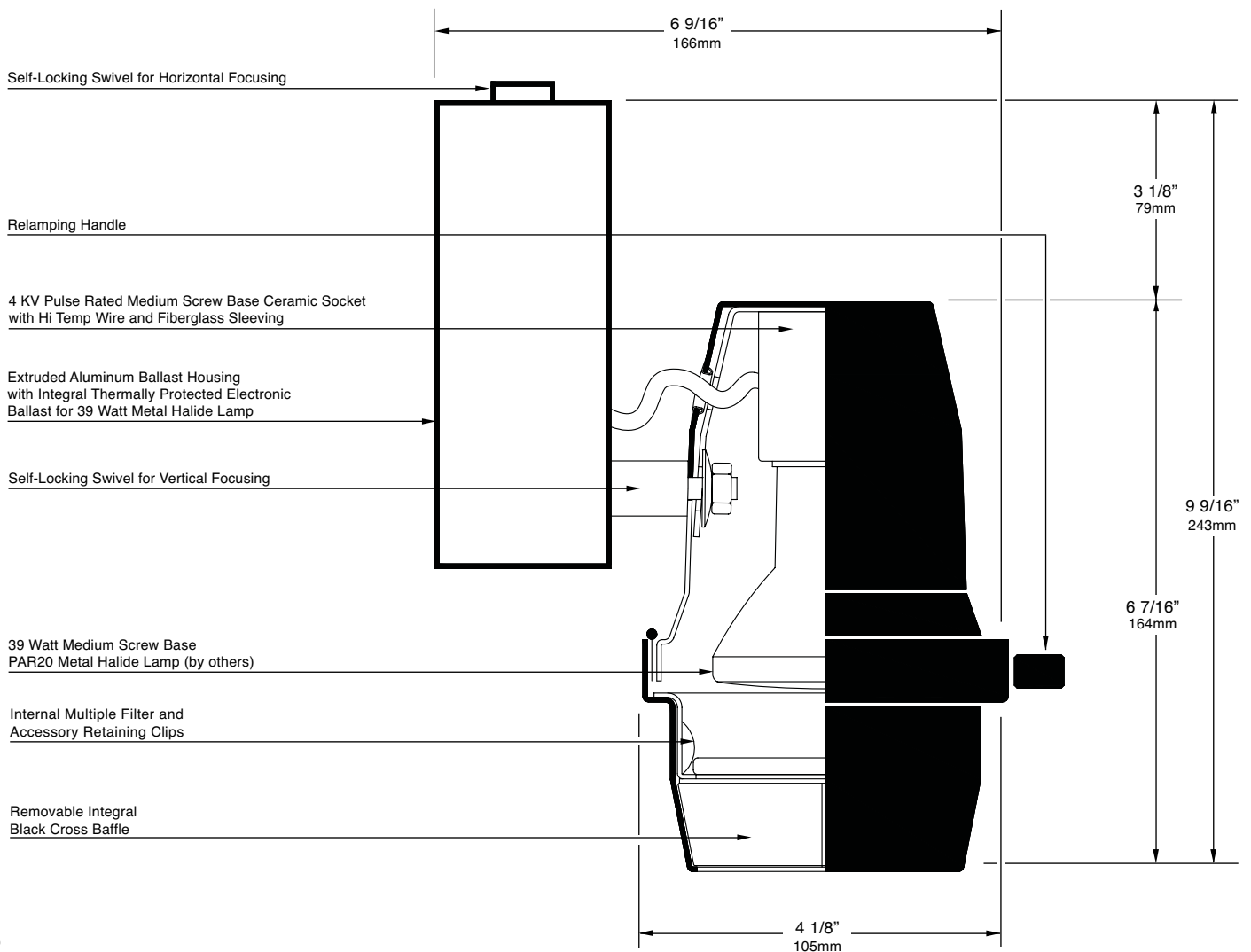


The MHLN203 Spotlight Series is a specification grade medium throw, high intensity unit specifically designed for the 39 watt PAR20 ceramic Metal Halide medium screw base lamps, which are highly efficient and long lived. Its light weight, slimline electronic ballast and functional styling also make it the perfect unit for all retail, display, exhibit, architectural, and residential environments.

UL and CUL Listed  
USA Manufactured/IBEW

Features include rugged steel and aluminum construction, on/off switch on most mounting types, and multiple accessory clips for Size AA accessories which include: Color Filters and Spread Lens, Louver, Light Blocking Screens and UV Blocking Filter. Unit available with 120 volt or 277 volt ballast.

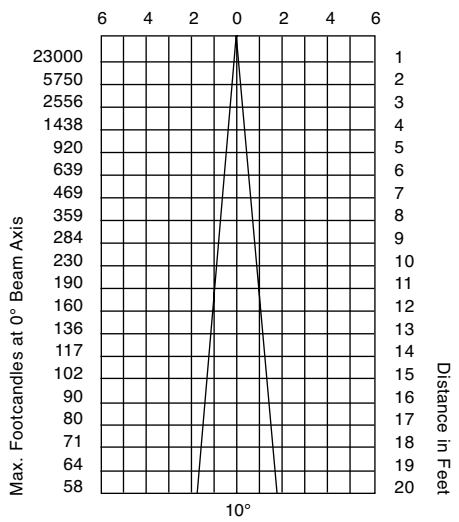
**MHLN203-00 (120V)**  
**VMHLN203-00 (277V)**



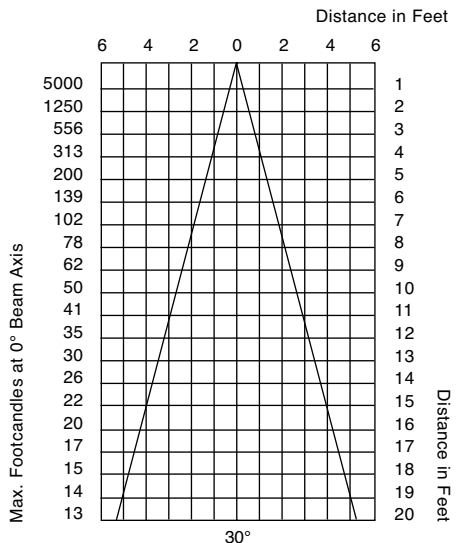
# MHLN203 Series 120/277V PAR20

## Photometric Data<sup>4</sup>

**CDM35/PAR20/M/SP** 39 watt, Spot  
 Beam Spread to 50% of CBCP 10°  
 Center Beam Candlepower 23000



**CDM35/PAR20/M/FL** 39 watt, Flood  
 Beam Spread to 50% of CBCP 30°  
 Center Beam Candlepower 5000



## Lamp Types

**CDM35/PAR20/M/SP** 39 watt, 9000 hrs  
 Beam Spread to 50% of CBCP 10°  
 Center Beam Candlepower 23000  
 Color Temperature 3000K  
 Color Rendering Index 81

**CDM35/PAR20/M/FL** 39 watt, 9000 hrs  
 Beam Spread to 50% of CBCP 30°  
 Center Beam Candlepower 5000  
 Color Temperature 3000K  
 Color Rendering Index 81

**CMH39/PAR20/830/SP12** 39 watt, 10000 hrs  
 Beam Spread to 50% of CBCP 12°  
 Center Beam Candlepower 20000  
 Color Temperature 3000K  
 Color Rendering Index >80

**CMH39/PAR20/830/FL30** 39 watt, 10000 hrs  
 Beam Spread to 50% of CBCP 30°  
 Center Beam Candlepower 5000  
 Color Temperature 3000K  
 Color Rendering Index >80

**Ballast Type (Electronic)**  
 ANSI Specification M130  
 Maximum Input Current 120/.37, 277/.17  
 Input Power 120/44W, 277/46W  
 Power Factor >95%  
 THD <10%, Nominal 6%

## Accessories

**Louver Hex AA**  
 Hexcell metal louver, controls spill light and glare, 45° cutoff, black finish.

**Glass Color Filters, Size AA**  
 Selection of 95 permanent rimmed dichroic and rimmed and slotted standard colors.

**Spread Lens AA990**  
 Permanent glass lens for spreading light beam in one axis, 5°X 50°.

**Spread Lens AA992**  
 Permanent molded glass lens for spreading light beam in one axis—nominal 5°X 30°.

**Spread Lens AA995**  
 Permanent molded glass lens for spreading light beam in all directions — nominal 50°X 50°.

**Spread Lens AA996**  
 Permanent molded glass lens for spreading light beam in one direction slightly more than the other — nominal 45°X 50°.

**Beam Softener AA998**  
 Permanent glass lens for conditioning light to create a softer beam.

**OPTIVEX™ UV Blocking Filter AA962**  
 Eliminates ultra-violet wavelengths below 410±10nm. Especially useful for conservation of artworks and to help prevent fading.

**Light Blocking Screens, Size AA**  
 AA801S-20% Light Blocking, AA802S-30% Light Blocking, AA803S-40% Light Blocking  
 Stainless Steel Screens. Used individually or in combination to reduce transmitted light without changing its color temperature.

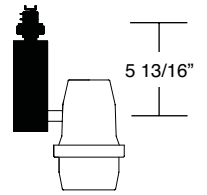
**Coiled Cord**  
 18/3 105°C, 18" retracted, 6 foot extended. Specify by adding suffix **CC** to model number. White fixture supplied with white cord, all other finishes supplied with black cord.

**Wrench Locking**  
 For permanent locking of fixture position, add suffix "WL" to model number.

## Ordering Information

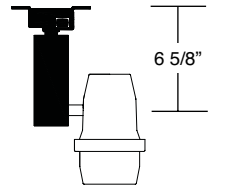
**Model Number**  
 add prefix **V** for 277 Volt  
 add suffix letters for finish

**MHLN203-00**  
 Lexan Fitting for 1 and 2 circuit LSI Track. With switch.

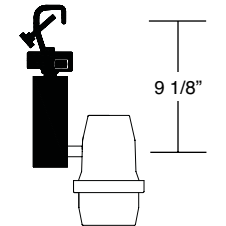


**MHLN203-00F**  
 Same as above, with fuse.

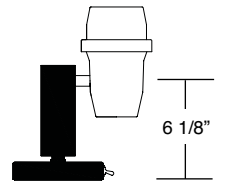
**MHLN203-2G**  
 Universal fitting for Unistrut Systems and any screw or bolt-up applications. With switch, 6-foot 3-wire grounding cord and plug.



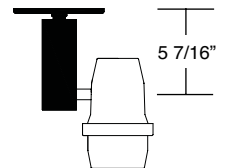
**MHLN203-3G**  
 C-clamp for pipes from 5/8" to 2" O.D. With switch, 6-foot 3-wire grounding cord and plug.



\* **MHLN203-4G**  
 Cushioned weighted base for floor or table use. With switch, 6-foot 3-wire grounding cord and plug.



**MHLN203-5A**  
 Canopy for permanent mounting on standard 4" octagonal outlet box.



**Finishes (Paint)**  
 Black (suffix B)  
 White (suffix W)  
 Silver (suffix S)  
 Graphite (suffix G)  
 Platinum (suffix P)

Notes:  
 1. CBCP = Center Beam Candlepower  
 2. K = Color Temperature in Kelvin degrees  
 3. OPTIVEX™ glass is a trademark of Bausch & Lomb Inc.  
 4. Lamp manufacturers published data  
 \*Non-UL and Non-CUL