## Ceramic Metal Halide (CMH) PAR38 Cylinder

LAMP W ATTAGE
(1) CDM70/PAR38
(1) CDM100/PAR38

DESCRIPTION
Ceramic Metal Halide (OMH) round or flat back cylinder with integral ballast. Utilizes electronic metal halide ballast designed for use with higher CRI Index MasterColor (or equivalent) PAR metal halide light sources. Phenolic baffle finishes appearance and reduces glare from the interior of the housing. Oylinder accepts accessories such as Nora louver or barn door attachments, as well as color filters (by others) to provide flexibility in designing for greater control or special effects.

FEATURES

- Bectronic ballast
- Simple, aesthetic cylindrical design
- Deep drawn steel construction for high strength and rigidity
- Heat resistant Teflon coated wire lead
- High-strength stainless steel electrical contacts
- One or two circuit track capable
- Accepts filters, louver, or barn door accessories

HOUSING, SOCKET CUP . 025 Deep drawn steel construction with softened edges.

B A F F LE
. 085 Black finished phenolic high heat rated plastic baffle. Provides finished appearance and assists in eliminating glare from housing interior.

B ALLAST
Integral high power factor electronic solid state Type-1 ballast housed in . 030 finished steel enclosure. Ballast provides automatic termination upon end of lamp life. i.e. "End of Life" protection.

Input Voltage:
120 V
Power Factor: $\quad>95 \%$
Sound Rating: A
Frequency: $\quad 170 \mathrm{~Hz}$ (square wave)
Min. Starting Temp.: $\quad 5^{\circ} \mathrm{F}\left(-15^{\circ} \mathrm{C}\right)$
Total Harmonic Distortion: < $10 \%$
Ballast Life Expectancy: $\quad 56,000$ hours (at $75^{\circ} \mathrm{C}$ )
Input Power: $\quad 70 \mathrm{~W} 100 \mathrm{~W}$
Input Watts: 78110
Operating Amps: 67 . 90
S O CKET
4KV 660VA600V Porcelain jacketed aluminum screw thread medium-base socket.

W I R IN G
Teflon coated wire lead connects socket and housing to electrical contact head. Teflon coating is durable and resists heat degradation from lamp and housing radiation.

Y OK E
. 085 Rigid steel dual yoke connects fixture housing to electrical contact head. Dual plastic angle tightening knobs maintain clean, decorative appearance of the fixture and provide secure angle position.


PRODUCT MATRIX
NTM-5038/70 B,W CDM70/PAR38 Round Back Oylinder
NTM-5038/100 B,W CDM100/PAR38 Round Back Oylinder
NTM-5138/70 B,W CDM70/PAR38 Fat Back Oylinder
NTM-5138/100 B,W CDM100/PAR38 Hat Back Oylinder

DIMENSIONS

| N T M - 5 0 3 8 |  |  |
| :--- | :--- | :--- |
| A: Diameter | $5-5 / 8^{\prime \prime}$ | $(143 \mathrm{~mm})$ |
| B: Length | $7-1 / 8^{\prime \prime}$ | $(181 \mathrm{~mm})$ |
| C: Max Extension | $12-1 / 4^{\prime \prime}$ | $(31 \mathrm{~cm})$ |

NTM-5138

| A: Diameter | $5-5 / 8^{\prime \prime}$ | $(143 \mathrm{~mm})$ |
| :--- | :--- | :--- |
| B: Length | $6-5 / 8^{\prime \prime}$ | $(168 \mathrm{~mm})$ |
| C: Max Extension | $12-1 / 4^{\prime \prime}$ | $(31 \mathrm{~cm})$ |



CONTACT HEAD ASSEMBLY
Three 030 stainless steel contacts mounted in high heat rated plastic housing.

ONE/TWO CIRCUIT CONVERSION Positive contact (opposite neutral and ground contacts) is preset to "down" position at factory, but may be raised to the higher position to install onto the second circuit of Nora Lighting NT -2300 series two-circuit track.

## FINISHES

White or Black heat rated baked enamel paint. Oustom painting or anodizing for special applications is also available. Oustom finishes will require lead times that vary depending on vendor schedules. Please consult factory for quotation, and provide either a Dunn Edwards number or color chip for exact matching.

## C OM PATIBILITY

Nora track fixtures are interchangeable with Halo, Catalina, Hampton Bay, Halo-Edison, or any other brands configured to Halo track system design. Note: fixtures may not be compatible with non-Nora transformers or monopoint adapters.

UL LISTED
UL Listed as track lighting fitting
ACCESSORIES
Oustom FnishesConsult Factory Accessory HolderNT-346
Louver* NT-343
Barn Door Assembly/Accessory Holder NT-340
Filte * $5-9 / 16$ " (by others)

* Requires use of either NT-346 Accessory Holder or NT-340 Barn Door Assembly/Accessory Holder

