

## MDM16 LED

Weight: 6.0 lbs.



## Specifications

**Material:**

RLM shades are constructed of 12 gauge 1100 series spun aluminum. All fasteners are stainless steel. Some washers may be galvanized. Screw hardware may not match paint.

**Drivers:**

Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming to 1% protocols are standard for LED modules. (Refer to Driver Specification section for other specifications.)

**Electrical:**

Approximately 6" of pull wire extends from luminaire. All luminaires are prewired with 0-10V dimming leads.

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**Certifications:**

Cord mounts, arm mount, stem mount and wall mount are UL Listed for damp locations. LED Module is IP66.

**Finish:**

A polyester powder coat high quality finish. Marine grade finish is available.

**Modifications:**

Consult factory for custom or modified designs.

**Buy American:**

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. [Click here for additional information.](#)

## Catalog Logic

|              |                                 |                    |            |                |                  |             |                                             |
|--------------|---------------------------------|--------------------|------------|----------------|------------------|-------------|---------------------------------------------|
| <b>MDM16</b> | <b>AM20W</b>                    | <b>D</b>           | <b>27K</b> | <b>CRD-DCC</b> | <b>EMG-LED16</b> | <b>56</b>   | <b>41</b>                                   |
| RLM Style    | Light Source, Wattage & Dimming | Logic Distribution | CCT        | Driver Housing | Mounting         | Accessories | Outside Shade Finish<br>Inside Shade Finish |

## Catalog Number

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## MDM16

**1 LIGHT SOURCE & WATTAGES**

AM10W (10W ANP Module COB)

AM20W (20W ANP Module COB)

**2 DISTRIBUTION**

D (Domed Frosted Acrylic Wide Distribution Lens)

**3 CCT (COLOR TEMPERATURE)**

27K (2700K)

30K (3000K)

35K (3500K)

40K (4000K)

**4 DRIVER HOUSINGS\***  
(Driver Housing only Required with Color Cord and/or Emergency Backup Options)

**NA** No selection is required if Color Cord or Emergency Backup are not chosen

**Cord Mount Options**  
Choose Cord Style in Box 5

**CRD-DCC** (Driver Housing for Color Cord only; 7 3/4" x 1 1/2")

**SSC-DCC** (Driver Housing for SS Cable/Color Cord only; 7 3/4" x 1 1/2")

**Emergency Backup Driver Housing Options**  
Choose EMG Driver in Box 6

**CRD-DCC-EM-BLC** (Emergency Ballast Housing for Black Cord only; 12" x 1 1/2")

**CRD-DCC-EM-WHC** (Emergency Ballast Housing for White Cord only; 12" x 1 1/2")

**SSC-DCC-EM-BLC** (Stainless steel cable with 6-foot black cord and 12" canopy)

**SSC-DCC-EM-WHC** (Stainless steel cable with 6-foot white cord and 12" canopy)

**SSC-DCC-EM** (Emergency Ballast Housing for SS Cable/ Color Cord only; 12" x 1 1/2")

**ST-DCC-EM** (Emergency Ballast Housing for Stem only; 12" x 1 1/2")

\*Driver Housing finish will match fixture finish.

**5 MOUNTING SOURCES\*****Stainless Steel and Cable Mounts**

**SSC-BLC-5W** (Stainless steel cable with 6-foot black cord and 5 3/8" canopy)

**SSC-WHC-5W** (Stainless steel cable with 6-foot white cord and 5 3/8" canopy)

**Cord Mounts**  
(See page 3 for color cord style)

**NA** No Selection Required if: CRD-DCC-EM-BLC; CRD-DCC-EM-WHC; SSC-DCC-EM-BLC or SSC-DCC-EM-WHC is chosen in Box 4.

**SJT Cord**

**BLC-5W** (6' Black SJT Cord) **WHC-5W** (6' White SJT Cord)

**Solid Fabric Colored Cords**  
Must Choose DCC Housing in Box 4

**BLSF** (6' Black) **KGSF** (6' Kelly Green)

**ORSF** (6' Orange) **WHSF** (6' White)

**GYSF** (6' Gray) **CBSF** (6' Cobalt Blue)

**LGSF** (6' Lime Green) **CASF** (6' Cardinal)

**CHSF** (6' Chocolate Brown) **SBSF** (6' Sky Blue)

**Patterned Fabric Colored Cords**  
Must Choose DCC Housing in Box 4

**BWHPF** (6' Black/White Houndstooth) **MOSPF** (6' Magenta/Orange Stripe)

**BIHPF** (6' Brown/Ivory Houndstooth) **NMTPF** (6' Navy Mini Tweed)

**GYCPF** (6' Gray/Citrus Yellow)

**Glossy Fabric Colored Cords**  
Must Choose DCC Housing in Box 4

**GMGF** (6' Gun Metal) **BRGF** (6' Bronze)

**SSGF** (6' Sterling Silver) **GOGF** (6' Gold)

**CPGF** (6' Copper Penny)

**Stem Mounts**

1/4" (1/2" OD Stems with 45° Swivel Flat Canopy) 1/4" (1/2" OD Rigid Stems with Flat Canopy)

1STS6 1STS12 1STS18 1STR6 1STR12 1STR18

1STS24 1STS36 1STS48 1STR24 1STR36

1STS60 1STS72 1STS96 1STR48 1STR60

1STR72 1STR96

\*Arm mount, Wall mount or Stem finish will match fixture finish.

**6 MOUNTING ACCESSORIES**

**EMG-LED06** (6W, LED Emergency Driver, DCC-EM Placement, ANP Module Only)

**EMG-LED10** (10W, LED Emergency Driver, DCC-EM Placement, ANP Module Only)

**EMG-LED16** (16W, LED Emergency Driver, DCC-EM Placement, ANP Module Only)

**EMG-LED20** (20W, LED Emergency Driver, DCC-EM Placement, ANP Module Only)

**EMG-LEDR05** (5W, LED Emergency Driver, Remote Placement up to 30', ANP Module Only, Provided with Flexible Conduit)

**EMG-LEDR7.8** (7.8W, LED Emergency Driver, Remote Placement up to 30', ANP Module Only, Provided with Flexible Conduit)

**EMG-LEDR10.7** (10.7W, LED Emergency Driver, Remote Placement up to 30', ANP Module Only, Provided with Flexible Conduit)

**EMG-LEDR17** (17W, LED Emergency Driver, Remote Placement up to 30', ANP Module Only, Provided with Flexible Conduit)

\*Most EM Packs are remote mount only (consult factory). For percent lumens in emergency mode, see Technical Section at [www.ANPlighting.com](#)

\*\*Accessory finish will match fixture finish.

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

| 7                                                              | 8              | FINISHES      |                  |                |               |  |
|----------------------------------------------------------------|----------------|---------------|------------------|----------------|---------------|--|
| *Premium and Marine Grade Finish have additional charges       |                |               |                  |                |               |  |
| Standard Colors                                                | Standard Grade | Marine Grade* | Premium Colors   | Premium Grade* | Marine Grade* |  |
| Aspen Green                                                    | 10             | 10M           | High Gloss Black | 01             | 01M           |  |
| Cantaloupe                                                     | 11             | 11M           | Arctic Silver    | 14             | 14M           |  |
| Lilac                                                          | 12             | 12M           | Candy Apple Red  | 64             | 64M           |  |
| Putty                                                          | 13             | 13M           | Cobalt Blue      | 65             | 65M           |  |
| Raw Unfinished                                                 | 40             | NA            | Caramel          | 66             | 66M           |  |
| Black                                                          | 41             | 41M           | Butterscotch     | 67             | 67M           |  |
| Forest Green                                                   | 42             | 42M           | Black Silver     | 68             | 68M           |  |
| Bright Red                                                     | 43             | 43M           | Gunmetal Gray    | 69             | 69M           |  |
| White                                                          | 44             | 44M           | Mayan Gold       | 79             | NA            |  |
| Consult Factory for additional paint charges and availability. |                |               |                  |                |               |  |

| 7                                                              | 8              | FINISHES      |                       |                |               |  |
|----------------------------------------------------------------|----------------|---------------|-----------------------|----------------|---------------|--|
| *Premium and Marine Grade Finish have additional charges       |                |               |                       |                |               |  |
| Standard Colors                                                | Standard Grade | Marine Grade* | Premium Colors        | Premium Grade* | Marine Grade* |  |
| Bright Blue                                                    | 45             | 45M           | Textured Desert Stone | 80             | 80M           |  |
| Sunny Yellow                                                   | 46             | 46M           | Extreme Chrome        | 81             | 81M           |  |
| Aqua Green                                                     | 47             | 47M           | Graystone             | 82             | 82M           |  |
| Galvanized                                                     | 49             | NA            | Oil Rubbed Bronze     | 83             | 83M           |  |
| Navy                                                           | 50             | 50M           | Carbon Graphite       | 96             | 96M           |  |
| Architectural Bronze                                           | 51             | 51M           |                       |                |               |  |
| Patina Verde                                                   | 52             | 52M           |                       |                |               |  |
| Copper Clay                                                    | 53             | 53M           |                       |                |               |  |
| Silver                                                         | 56             | 56M           |                       |                |               |  |
| Consult Factory for additional paint charges and availability. |                |               |                       |                |               |  |

| 7                                                              | 8              | FINISHES      |                |                |               |  |
|----------------------------------------------------------------|----------------|---------------|----------------|----------------|---------------|--|
| *Premium and Marine Grade Finish have additional charges       |                |               |                |                |               |  |
| Standard Colors                                                | Standard Grade | Marine Grade* | Premium Colors | Premium Grade* | Marine Grade* |  |
| Black Verde                                                    | 61             | 61M           |                |                |               |  |
| Painted Chrome                                                 | 70             | 70M           |                |                |               |  |
| Painted Copper                                                 | 71             | 71M           |                |                |               |  |
| Textured Black                                                 | 72             | 72M           |                |                |               |  |
| Matte Black                                                    | 73             | 73M           |                |                |               |  |
| Textured Architectural Bronze                                  | 76             | 76M           |                |                |               |  |
| Textured White                                                 | 77             | 77M           |                |                |               |  |
| Textured Silver                                                | 78             | 78M           |                |                |               |  |
| Consult Factory for additional paint charges and availability. |                |               |                |                |               |  |

## PERFORMANCE TABLE - ANP MODULE - INITIAL LUMENS

|             |       |              | 2700K          |      |   |   |   | 3000K          |      |   |   |   | 3500K          |      |   |   |   | 4000K          |      |   |   |   |
|-------------|-------|--------------|----------------|------|---|---|---|----------------|------|---|---|---|----------------|------|---|---|---|----------------|------|---|---|---|
| LED CATALOG | WATTS | DISTRIBUTION | INITIAL LUMENS | lm/W | B | U | G | INITIAL LUMENS | lm/W | B | U | G | INITIAL LUMENS | lm/W | B | U | G | INITIAL LUMENS | lm/W | B | U | G |
| AM10W       | 10W   | TYPE V       | 847            | 85   | 1 | 0 | 0 | 888            | 89   | 1 | 0 | 0 | 899            | 90   | 1 | 0 | 0 | 910            | 91   | 1 | 0 | 0 |
| AM20W       | 20W   | TYPE V       | 1694           | 85   | 1 | 0 | 0 | 1777           | 89   | 1 | 0 | 0 | 1799           | 90   | 1 | 0 | 0 | 1820           | 91   | 1 | 0 | 0 |

## MODULE SPECIFICATION

- CREE XLAMP™ CMU
- Typical Efficacy 90 lm/W
- CCT: 2700K, 3000K, 3500K, 4000K
- CRI: 90 (min) 92 Typical
- 3-Step Ellipse
- Certifications: UL Recognized, RoHS, ENEC, REACH

## DRIVER SPECIFICATION

- Universal Input: 120-277V
- Dimming: 0-10V, TRIAC, ELV (Dims to 1%)
- Power Factor @ Full Load >90%
- THD @ Full Load <20%
- Constant Current Output 50/60Hz
- Operating Temperature: -30°C Minimum
- Lifetime: >50,000 hours
- Ingress Protection: IP66
- Certifications: UL Recognized, CE, FCC, Energy Star, DLC, CA Title 24

## FINISHES

- A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3,000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

## WARRANTY

See [www.ANPlighting.com](http://www.ANPlighting.com) for complete fixture warranty.

LED warranty information

- 5 year limited warranty\*

\*Limited Warranty: A typical year is defined as 4,380 hours of operation.

## DRIVER HOUSINGS

DCC  
(7-3/4" x 1-1/2") Cord OnlyDCC  
(7 3/4" x 1 1/2") Cable/Cord OnlyDCCM  
(12" x 1 1/2") Cord OnlyDCCM  
(12" x 1 1/2") Cable/Cord OnlyDCCM  
(12" x 1 1/2")

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**SOLID FABRIC COLORED CORDS**

All fabric Color Cords are three conductor, 1/4" diameter



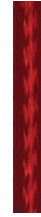
GYSF | Gray



CHSF | Chocolate Brown



WHSF | White



CASF | Cardinal



LGSF | Lime Green



KGSF | Kelly Green



CBSF | Cobalt Blue



SBSF | Sky Blue

**PATTERNED FABRIC COLORED CORDS**

All fabric Color Cords are three conductor, 1/4" diameter



BIHPF | Brown/Ivory Houndstooth



GYCPF | Gray/Citrus Yellow



MOSPF | Magenta/Orange Stripe



NMTPF | Navy Mini Tweed

**GLOSSY FABRIC COLORED CORDS**

All fabric Color Cords are three conductor, 1/4" diameter



SSGF | Sterling Silver



CPGF | Copper Penny



BRGF | Bronze



GOGF | Gold

**FINISHES COLORS****STANDARD****PREMIUM**