







Project Name:

Quantity: Fixture Type:

**Customer:** 

## 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.

## Certifications:

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

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.

# MDO16 LED

Weight: 7.0 lbs.

Catalog Logic MDO16 AM10W 27K CRD-DCCEM BLSF EMG-LED10 56 41 Light Source, Wattage & RLM Style Logic Distribution Trim Housing Shade Shade Shade

Catalog Number	1	2	3	4	5	6	7	8	9
MDO16									

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)
_	<b>27K</b> (2700K)
	<b>30K</b> (3000K)
	<b>35K</b> (3500K)
	<b>40K</b> (4000K)

**DRIVER HOUSINGS\*** 

4		ousing only Required with Color Cord /or Emergency Backup Options)
NA		n is required if Color Cord or Backup are not chosen
	Ch	Cord Mount Options cose Cord Style in Box 5
CRD-E	(5	er Housing for Color Cord 7 3/4" x 1 1/2")
SSC-D		er Housing for SS Cable/Color only; 7 3/4" x 1 1/2")
		Backup Driver Housing Options oose EMG Driver in Box 6
CRD-E	CCEM-BLC	(Emergency Ballast Housing for Black Cord only; 12" x 1 1/2")
CRD-E	OCCEM-WHC	(Emergency Ballast Housing for White Cord only; 12" x1 1/2")
SSC-D	CCEM-BLC	(Stainless steel cable with 6-foot black cord and 12" canopy)
SSC-D	CCEM-WHC	(Stainless steel cable with 6-foot white cord and 12" canopy)
SSC-D	CCEM	(Emergency Ballast Housing for SS Cable/ Color Cord only; 12" x 1 1/2")
ST-DC	CEM	(Emergency Ballast Housing for Stem only; 12" x 1 1/2")

\*Driver Housing finish will match fixture finish.

5	ı	MOUNTIN	G SOURCES*						
	Stain	iless Steel a	nd Cable Mounts						
SSC-BL	_C-5W		steel cable with 6-foot and 5 3/8" canopy)						
SSC-W	HC-5W		steel cable with 6-foot and 5 3/8" canopy)						
	(See		Mounts color cord style)						
NA	CRD-DC0	CEM-WHC;	d if: CRD-DCCEM-BLC; SSC-DCCEM-BLC or s choosen in Box 4.						
		Cord							
BLC-5V	<b>V</b> (6' Black	SJT Cord)	WHC-5W (6' White SJT Cor	d)					
			Colored Cords 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 Gree	en)	CASF (6' Cardinal)						
CHSF (6	' Chocolate	Brown)	SBSF (6' Sky Blue)						
			c Colored Cords C Housing in Box 4						
BWHPF (6' Black	/White Hou	ndstooth)	MOSPF (6' Magenta/Orange Stripe)						
BIHPF (6' Brown	n/Ivory Hou	ndstooth)	NMTPF (6' Navy Mini Tweed)						
GYCPF (	6' Gray/Cit	rus Yellow)							
	Gle Must (	ossy Fabric Choose DCC	Colored Cords Housing in Box 4						
GMGF (6	6' Gun Meta	al)	BRGF (6' Bronze)						
SSGF (6	' Sterling S	ilver)	GOGF (6' Gold)						
CPGF (6	' Copper Pe	enny)							
		Stem N	Mounts						
	1/2" OD Ste wivel Flat C		1/4" (1/2" OD Rigid Stems with Flat Canopy)						
1STS6 1STS24	1STS12 1STS36	1STS18 1STS48	1STR6 1STR12 1STR18 1STR24 1STR36	3					
1STS60	1STS72	1STS96	1STR48 1STR60 1STR72 1STR96						
			ount or Stem finish xture finish.						

6 M	IOUNTING ACCESSORIES									
EMG-LED06	(6W, LED Emergency Driver, DCCEM Placement, ANP Module Only)									
EMG-LED10	(10W, LED Emergency Driver, DCCEM Placement, ANP Module Only)									
EMG-LED16	(16W, LED Emergency Driver, DCCEM Placement, ANP Module Only)									
EMG-LED20	(20W, LED Emergency Driver, DCCEM 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)									
factory). Fo	Packs are remote mount only (consult or percent lumens in emergency mode, nical Section at <a href="www.ANPlighting.com">www.ANPlighting.com</a>									
**Access	**Accessory finish will match fixture finish.									

MOUNTING ACCESSORIES





Project Name:		
Fixture Type:	Quantity:	
Customer:		

7 8 9 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								
			I paint charges a										

7 8 9 *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 Fa	ctory for a	dditiona	l paint charges a	nd availat	ility.								

7 8 9	*Premium	and Mari	ne Grade Finish	have additional of	harges
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			

	PERFORMANCE TABLE - ANP MODULE - INITIAL LUMENS																					
			2700K			3000K			3500K				4000K									
LED CATALOG	WATTS	DISTRIBUTION	INITIAL LUMENS	lm/W	В	U	G	INITIAL LUMENS	lm/W	В	U	G	INITIAL LUMENS	lm/W	В	U	G	INITIAL LUMENS	lm/W	В	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%</li>
- · 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

# WARRANTY

See 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**











	Fixture Type:	Quantity:
	Customer:	
SOLID FABRIC COLORED CORDS All fabric Color Cords are three conductor, 1/4" diameter		
CHSF   Chocolate Brown	WHSF   White	CASF   Cardinal
		See See See See See
KGSF   Kelly Green	CBSF   Cobalt Blue	SBSF   Sky Blue
PATTERNED FABRIC COLORED CORDS All fabric Color Cords are three conductor, 1/4" diameter		
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		
CPGF   Copper Penny	BRGF   Bronze	GOGF   Gold
	CHSF   Chocolate Brown  KGSF   Kelly Green  ORDS All fabric Color Cords are three  GYCPF   Gray/Citrus Yellow  OS All fabric Color Cords are three color  I was a second or cords are three color cords are three colors.	CHSF   Chocolate Brown WHSF   White  KGSF   Kelly Green CBSF   Cobalt Blue  ORDS All fabric Color Cords are three conductor, 1/4" diameter  GYCPF   Gray/Citrus Yellow MOSPF   Magenta/Orange Stripe  OS All fabric Color Cords are three conductor, 1/4" diameter

Project Name:



