







EPA: 0.54

MBVB16 LED

Weight: LED Module LED Platform 2.60 lbs 4.45 lbs LED LGP





Specifications

Material:

RLM shades are constructed of 12 gauge 1100 series spun aluminum. Wall back plate and driver housing are cast aluminum, some types include a spun metal cover. All fasteners are stainless steel. Some washers may be galvanized. Shade interior shall be finished in the same color as the exterior unless otherwise specified. 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 ANP modules. 0-10V dimming to 10%
is standard for TIR Performance Platforms and
Edge-Lit LED Light Guide Panel. (Refer to Driver
Specification section for other specifications Specification section for other specifications.)

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

Project Name: Quantity: Fixture Type: **Customer:**

Electrical:

Approximately 6" of pull wire extends from luminaire. All luminaires are prewired with 0-10V dimming leads. Post Arms and Wall Mounts are also prewired with line voltage & dimming leads.

Dark Sky Friendly:
To maintain dark sky friendly compatibility: ≤ 3000K

Certifications:Cord mounts are UL Listed for dry locations. Arm mount, stem mount and wall mount are UL Listed for wet locations.

Modifications:

Consult factory for custom or modified designs.

Buv 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 L	ogic						
MBVB16 RLM Style	AM30W Light Source, Wattage & Dimming	Distribution	CCT	N/A Driver Housing	E6 Mounting	PC Accessories	Outside Shade Finish

C	Catalog Number	1	2	3	4	5	6	7
П	MBVB16							

	LIGHT SOURCE & WATTAGES	
	ANP MODULE	
	AM10W (10W ANP Module COB)	
	AM20W (20W ANP Module COB)	
	AM30W (30W ANP Module COB)	
	TIR PERFORMANCE PLATFORM	
	CPS30W18 (30W TIR Performance Platform)	
С	PS39W18 (39W TIR Performance Platform, CA Title 24)	
	CPS46W18 (46W TIR Performance Platform)	
	EDGE-LIT LED SMALL	
	EDGE-LIT LED SMALL E030LDS (30W Small Edge-Lit LED Comfort Solution)	
	E030LDS (30W Small Edge-Lit LED Comfort Solution) E039LDS (39W Small Edge-Lit LED	
	E030LDS (30W Small Edge-Lit LED Comfort Solution) E039LDS (39W Small Edge-Lit LED Comfort Solution, CA Title 24)	

2 DISTRIBUTION												
ANP Module	TIR Performance Platform	Edge-Lit LED Small										
D (Dome Frosted Acrylic Wide Distribution Lens)	T2 (Type II)	T2 (Type II) (30w, 40w and 50w Only)										
	T3 (Type III)	T3 (Type III)										
	T4 (Type IV)	T4 (Type IV)										
	T5 (Type V)	T5 (Type V)										

3	CCT (COLOR TEMPERATURE)
	27K (2700K)
	30K (3000K)
	35K (3500K)
	40K (4000K)
	50K (5000K) Consult Factory

4		DRIVER HOUSINGS								
NA	NA No selection is required if Color Cord or Emergency Backup are not chosen									
	Cord Mount Options Choose Cord Style in Box 5									
CRD-I	(5	er Housing for Color Cord 7 3/4" x 1 1/2")								
SSC-E	(5	er Housing for SS Cable/Color only; 7 3/4" x 1 1/2")								
	Emergency Backup Driver Housing Options Choose EMG Driver in Box 6									
CRD-I	OCCEM-BLC	(Emergency Ballast Housing for Black Cord only; 12" x 1 1/2")								
CRD-I	OCCEM-WHC	(Emergency Ballast Housing for White Cord only; 12" x1 1/2")								
SSC-E	CCEM-BLC	(Stainless steel cable with 6-foot black cord and 12" canopy)								
SSC-E	OCCEM-WHC	(Stainless steel cable with 6-foot white cord and 12" canopy)								
SSC-E	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 Hous	ing finish will match fixture finish.								

5		MOUNTIN	G SOURCES*								
_		Arm N	lounts								
	E3 E	4 E6 E8 I	E9 E13 E15 E18 E25 E26 E36								
		Wall N	lounts								
WM41	WM55	WM35 WM	318 WMBVR01 WMBVS01								
		Post N	Mounts								
	PM10 F	M20 PM30	PM40 PM50 PM319								
	(S		Mounts color cord style)								
NA No Selection Required if: CRD-DCCEM-BLC; CRD-DCCEM-WHC; SSC-DCCEM-BLC or SSC-DCCEM-WHC is choosen in Box 4.											
	Sta	inless Steel a	nd Cable Mounts								
SSC-BLC			el cable with 6-foot I 5 3/8" canopy)								
SSC-WH			el cable with 6-foot l 5 3/8" canopy)								
		SJT	Cord								
BLC-5W	(6' Blaci	(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 Gre	een)	CASF (6' Cardinal)								
CHSF (6'	Chocola	te Brown)	SBSF (6' Sky Blue)								
			c Colored Cords C Housing in Box 4								
BWHPF (6' Black/	White Ho	oundstooth)	MOSPF (6' Magenta/Orange Stripe)								
BIHPF (6' Brown	/Ivory Ho	oundstooth)	NMTPF (6' Navy Mini Tweed)								
GYCPF (6' Gray/C	itrus Yellow)									
			Colored Cords Housing in Box 4								
GMGF (6	' Gun Me	tal)	BRGF (6' Bronze)								
SSGF (6'	Sterling	Silver)	GOGF (6' Gold)								
CPGF (6'	Copper	Penny)									
		Stem M	Mounts								
1/2" (13/	16" OD) I	Rigid Stems	3/4" (1" OD) Rigid Stems								
2ST6	2ST12	2ST18	3ST6 3ST12 3ST18								
2ST24	2ST36	2ST48	3ST24 3ST36 3ST48								
2ST60	2ST72	2ST96	3ST60 3ST72 3ST96								







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

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Project Name:		
Fixture Type:	Quantity:	
Customer:		

6 M	OUNTING ACCESSORIES
EMG-LED06	(6W, LED Emergency Driver, DCCEM Placement, ANP Module Only)
EMG-LED10	(10W, LED Emergency Driver, DCCEM Placement , See below for Compatibility)
EMG-LED16	(16W, LED Emergency Driver, DCCEM Placement, ANP Module Only)
EMG-LED20	(20W, LED Emergency Driver, DCCEM Placement, See Below For Compatibility)
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)
GR16	(16" Wire Grill)**
PC	(Button Photo Cell)
sc	(Scroll for Arms)**
SLC	(Sloped Ceiling Mount Canopy, 15° Max)**
SQ	(Square Back Plate)**
SWL	(Adjustable Locking Swivel)**
твк	(Turn Buckle Kit)**
factory). Fo	Packs are remote mount only (consult r percent lumens in emergency mode, pical Section at <u>www.ANPlighting.com</u>
**Access	sory finish will match fixture finish.

	10 11 12 13 41 42 43 44	Marine Grade* 10M 11M 12M 13M 41M 42M 43M 44M	High Gloss Black Arctic Silver Candy Apple Red Cobalt Blue Caramel Butterscotch Black Silver	Premium Grade* 01 14 64 65 66 67 68	01M 14M 64M 65M 66M 67M
Cantaloupe Lilac Putty Black Forest Green Bright Red White	11 12 13 41 42 43 44	11M 12M 13M 41M 42M 43M	Black Arctic Silver Candy Apple Red Cobalt Blue Caramel Butterscotch Black Silver	14 64 65 66 67	14M 64M 65M 66M 67M
Lilac Putty Black Forest Green Bright Red White	12 13 41 42 43 44	12M 13M 41M 42M 43M	Candy Apple Red Cobalt Blue Caramel Butterscotch Black Silver	64 65 66 67	64M 65M 66M 67M
Putty Black Forest Green Bright Red White	13 41 42 43 44	13M 41M 42M 43M	Red Cobalt Blue Caramel Butterscotch Black Silver	65 66 67	65M 66M 67M
Black Forest Green Bright Red White	41 42 43 44	41M 42M 43M	Caramel Butterscotch Black Silver	66 67	66M 67M
Forest Green Bright Red White	42 43 44	42M 43M	Butterscotch Black Silver	67	67M
Bright Red White	43 44	43M	Black Silver		*****
White	44			68	68M
		44M	0		
Bright Blue			Gunmetal Gray	69	69M
	45	45M	Mayan Gold	79	NA
Sunny Yellow	46	46M	Textured Desert Stone	80	80M
Aqua Green	47	47M	Extreme Chrome	81	81M
Galvanized	49	NA	Graystone	82	82M
Navy	50	50M	Oil Rubbed Bronze	83	83M
Architectural Bronze	51	51M	Carbon Graphite	96	96M
Patina Verde	52	52M			
Copper Clay	53	53M			
Silver	56	56M			
Black Verde	61	61M			
Painted Chrome	70	70M			
Painted Copper	71	71M			
Textured Black	72	72M			

FINISHES *Premium and Marine Grade Finish have additional charges													
Standard Colors	Standard Grade	Marine Grade*		Premium Grade*	Marine Grade								
Matte Black	73	73M											
Textured Architectural Bronze	76	76M											
Textured White	77	77M											
Textured Silver	78	78M											

	PERFORMANCE TABLE - ANP MODULE - INITIAL LUMENS																					
				2700F	<				30001	<				3500	<				40001	K		
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
AM30W	30W	TYPE V	2541	85	1	0	0	2665	89	1	0	0	2698	90	1	0	0	2730	91	1	0	0

PERFORMANCE TABLE - CERAMIC PLATFORM - 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
CPS30W18		TYPE II	4163	139	1	0	1	4490	150	1	0	1	4327	144	1	0	1	4668	156	1	0	1
	2014	TYPE III	4060	135	1	0	1	4379	146	1	0	1	4220	141	1	0	1	4553	152	1	0	1
	30W	TYPE IV	4277	143	1	0	1	4613	154	1	0	1	4446	148	1	0	1	4796	160	1	0	1
		TYPE V	4249	142	3	0	1	4583	153	3	0	1	4416	147	3	0	1	4765	159	3	0	1
CPS39W18		TYPE II	5087	130	0	0	1	5487	141	0	0	1	5523	142	1	0	1	5705	146	1	0	1
		TYPE III	4962	127	1	0	1	5352	137	1	0	1	5387	138	1	0	1	5564	143	1	0	1
	39W	TYPE IV	5227	134	2	0	2	5638	145	1	0	1	5675	146	1	0	1	5862	150	2	0	2
		TYPE V	5193	133	3	0	1	5601	144	3	0	1	5638	145	3	0	1	5823	149	3	0	1
		TYPE II	6383	139	1	0	1	6884	150	2	0	2	6634	144	2	0	2	7158	156	2	0	2
CPS46W18	4014	TYPE III	6225	135	1	0	1	6714	146	1	0	1	6471	141	1	0	1	6981	152	1	0	1
	46W	TYPE IV	6558	143	2	0	2	7073	154	2	0	2	6817	148	2	0	2	7354	160	2	0	2
		TYPE V	6515	142	3	0	1	7027	153	3	0	1	6772	147	3	0	1	7306	159	3	0	1





Project Name:		
Fixture Type:	Quantity:	
Customer:		

PERFORMANCE TABLE - LGP SMALL - 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
E030LDS		TYPE II	3108	104	1	0	1	3018	101	1	0	1	3595	120	1	0	1	3271	109	1	0	1
	30W	TYPE III	3201	107	1	0	1	3108	104	1	0	1	3702	123	1	0	1	3368	112	1	0	1
	3044	TYPE IV	3265	109	1	0	1	3171	106	1	0	1	3776	126	1	0	1	3436	115	1	0	1
		TYPE V	2937	98	2	0	1	2852	95	2	0	1	3396	113	2	0	1	3090	103	2	0	1
E039LDS 39W		TYPE II	4041	104	2	0	2	3924	101	2	0	2	4673	120	2	0	2	4252	109	2	0	2
	30//	TYPE III	4161	107	2	0	2	4041	104	2	0	2	4812	123	2	0	2	4379	112	2	0	2
	3344	TYPE IV	4245	109	1	0	1	4122	106	1	0	1	4909	126	2	0	2	4466	115	2	0	2
		TYPE V	3818	98	2	0	1	3707	95	2	0	1	4415	113	2	0	1	4017	103	2	0	1
		TYPE II	5162	104	2	0	2	5013	101	2	0	2	5970	120	2	0	2	5432	109	2	0	2
E050LDS	50W	TYPE III	5335	107	2	0	2	5181	104	2	0	2	6170	123	2	0	2	5614	112	2	0	2
E090LD3	3044	TYPE IV	5442	109	2	0	2	5284	106	2	0	2	6293	126	2	0	2	5726	115	2	0	2
		TYPE V	4894	98	3	0	1	4753	95	3	0	1	5660	113	3	0	1	5150	103	3	0	1
		TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E065LDS	65W	TYPE III	6936	107	2	0	2	6735	104	2	0	2	8021	123	2	0	2	7298	112	2	0	2
EUGSLDS	6544	TYPE IV	7075	109	2	0	2	6870	106	2	0	2	8181	126	2	0	2	7444	115	2	0	2
		TYPE V	6363	98	3	0	1	6179	95	3	0	1	7358	113	3	0	1	6695	103	3	0	1
		TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E080LDS	80W	TYPE III	8467	107	3	0	2	8222	104	3	0	3	9792	123	3	0	3	8909	112	3	0	3
	3000	TYPE IV	8635	109	3	0	3	8385	106	2	0	2	9986	126	3	0	3	9086	115	3	0	3
		TYPE V	7822	98	3	0	1	7596	95	3	0	1	9046	113	3	0	2	8230	103	3	0	2

TIR PERFORMANCE PLATFORM SPECIFICATION

- · Performance, Ceramic-cooling technology
- Distributions: Type II, III, IV, V
- · CCT: 2700K, 3000K, 3500K, 4000K
- Life: L70 >50,000 hours
- · Ingress Protection: IP66
- · Certification: ETL
- CRI: >80, 3 SDCM

EDGE-LIT LED SPECIFICATION

- · Edge-Lit comfort solution
- · Distributions: Type II, III, IV, V
- · CCT: 2700K, 3000K, 3500K, 4000K
- Life: L70 >80,000 hours
- · Ingress Protection: IP66
- · Certification: UL, RoHS
- CRI: >80, 3 SDCM

ANP 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

TIR/ EDGE-LIT DRIVER SPECIFICATION

- Universal Input 120-277V
- 0-10V Dimming to 10%
- Power Factor @ Full Load >95%
- THD @ Full Load <10%
- · Constant Current Output 50/60Hz
- · Operating Temperature: -40°C Minimum
- · Ingress Protection: IP66
- · Certifications: UL Recognized, CSA, RoHS

ANP MODULE 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

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.

Project Name: Fixture Type: Quantity:

ACCESSORIES

Customer:



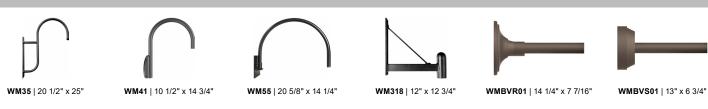
POPULAR ARM MOUNTS

Dimensions are Projection x Height | CB included with all arms Click here for all Arm Mount styles



POPULAR WALL MOUNTS

Dimensions are Projection x Height Click here for all Wall Mount styles



POPULAR POST MOUNTS

Dimensions are Projection x Height Click here for all Post Mount styles



DRIVER HOUSINGS



(12" x 1 1/2") Cord Only







(12" x 1 1/2")

		Project Name:	
		Fixture Type:	Quantity:
		Customer:	
SOLID FABRIC COLORED (CORDS All fabric Color Cords are three co	onductor, 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 COLO	ORED CORDS All fabric Color Cords a	re three conductor, 1/4" diameter	
BIHPF Brown/Ivory Houndstooth	GYCPF Gray/Citrus Yellow	MOSPF Magenta/Orange Stripe	NMTPF Navy Mini Tweed
Bill 1 Brown, wery Froundstood	Croff Gray/Grade Ferrew	modi i i maganta/orange onipe	Milit I Mary Milit Mood
GLOSSY FABRIC COLOREI	O CORDS All fabric Color Cords are three	ee conductor, 1/4" diameter	
SSGF Sterling Silver	CPGF Copper Penny	BRGF Bronze	GOGF Gold

		r	INISHES COLORS	
	STA	ANDARD		
WHITE CHROME	SILVER ACK ACK RDE	REEN CEEN	LLOW 1D 1D LAY TURAL BRONZE	5

