



Project Name: \_\_\_\_\_  
 Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_  
 Customer: \_\_\_\_\_

**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.)

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

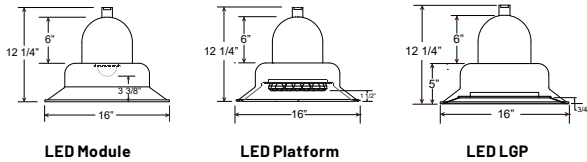
**Electrical:**  
 Approximately 6" of pull wire extends from luminaire. All luminaires are prewired with 0-10V dimming leads. Post Arms and Wall Mounts are also prewired with line voltage & dimming leads.

**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.

**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.](#)

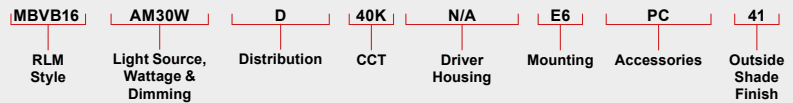


EPA: 0.54

Weight: LED Module 2.60 lbs  
 LED Platform 4.45 lbs  
 LED LGP 7.50 lbs

**MBVB16 LED**

**Catalog Logic**



Catalog Number	1	2	3	4	5	6	7
<b>MBVB16</b>							

1 LIGHT SOURCE & WATTAGES		
<b>ANP MODULE</b>		
AM10W (10W ANP Module COB)		
AM20W (20W ANP Module COB)		
AM30W (30W ANP Module COB)		
<b>TIR PERFORMANCE PLATFORM</b>		
CPS30W18 (30W TIR Performance Platform)		
CPS39W18 (39W TIR Performance Platform, CA Title 24)		
CPS46W18 (46W TIR Performance Platform)		
<b>EDGE-LIT LED SMALL</b>		
E030LDS (30W Small Edge-Lit LED Comfort Solution)		
E039LDS (39W Small Edge-Lit LED Comfort Solution, CA Title 24)		
E050LDS (50W Small Edge-Lit LED Comfort Solution)		
E065LDS (65W Small Edge-Lit LED Comfort Solution)		
E080LDS (80W Small Edge-Lit LED Comfort Solution)		

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	No selection is required if Color Cord or Emergency Backup are not chosen
<b>Cord Mount Options</b> 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")
<b>Emergency Backup Driver Housing Options</b> 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")
<b>*Driver Housing finish will match fixture finish.</b>	

5 MOUNTING SOURCES*	
<b>Arm Mounts</b>	
E3 E4 E6 E8 E9 E13 E15 E18 E20 E22 E25 E26 E36	
<b>Wall Mounts</b>	
WM41 WM55 WM35 WM318 WMBVR01 WMBVS01	
<b>Post Mounts</b>	
PM10 PM20 PM30 PM40 PM50 PM319	
<b>Cord Mounts</b> (See page 5 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.
<b>Stainless Steel and Cable Mounts</b>	
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)
<b>SJT Cord</b>	
BLC-5W (6' Black SJT Cord)	WHC-5W (6' White SJT Cord)
<b>Solid Fabric Colored Cords</b> 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)
<b>Patterned Fabric Colored Cords</b> 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)	
<b>Glossy Fabric Colored Cords</b> 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)	
<b>Stem Mounts</b>	
1/2" (13/16" OD) 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
<b>*Arm mount, Wall mount or Stem finish will match fixture finish.</b>	

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

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

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

6 MOUNTING 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)**
TBK	(Turn Buckle Kit)**
*Most EM Packs are remote mount only (consult factory). For percent lumens in emergency mode, see Technical Section at <a href="http://www.ANPlighting.com">www.ANPlighting.com</a>	
**Accessory finish will match fixture finish.	

7 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
Weathered Copper	29	29M	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
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			
Black Verde	61	61M			
Painted Chrome	70	70M			
Painted Copper	71	71M			
Consult Factory for additional paint charges and availability.					

7 FINISHES					
*Premium and Marine Grade Finish have additional charges					
Standard Colors	Standard Grade	Marine Grade*	Premium Colors	Premium Grade*	Marine Grade*
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			
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	B	U	G	INITIAL LUMENS	lm/W	B	U	G	INITIAL LUMENS	lm/W	B	U	G	INITIAL LUMENS	lm/W	B	U	G			
CPS30W18	30W	TYPE II	4163	139	1	0	1	4490	150	1	0	1	4327	144	1	0	1	4668	156	1	0	1			
		TYPE III	4060	135	1	0	1	4379	146	1	0	1	4220	141	1	0	1	4553	152	1	0	1			
		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	39W	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			
		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			
CPS46W18	46W	TYPE II	6383	139	1	0	1	6884	150	2	0	2	6634	144	2	0	2	7158	156	2	0	2			
		TYPE III	6225	135	1	0	1	6714	146	1	0	1	6471	141	1	0	1	6981	152	1	0	1			
		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																						
LED CATALOG	WATTS	DISTRIBUTION	2700K					3000K					3500K					4000K				
			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
E030LDS	30W	TYPE II	3108	104	1	0	1	3018	101	1	0	1	3595	120	1	0	1	3271	109	1	0	1
		TYPE III	3201	107	1	0	1	3108	104	1	0	1	3702	123	1	0	1	3368	112	1	0	1
		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
		TYPE III	4161	107	2	0	2	4041	104	2	0	2	4812	123	2	0	2	4379	112	2	0	2
		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
E050LDS	50W	TYPE II	5162	104	2	0	2	5013	101	2	0	2	5970	120	2	0	2	5432	109	2	0	2
		TYPE III	5335	107	2	0	2	5181	104	2	0	2	6170	123	2	0	2	5614	112	2	0	2
		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
E065LDS	65W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		TYPE III	6936	107	2	0	2	6735	104	2	0	2	8021	123	2	0	2	7298	112	2	0	2
		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
E080LDS	80W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		TYPE III	8467	107	3	0	2	8222	104	3	0	3	9792	123	3	0	3	8909	112	3	0	3
		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

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

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

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

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

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 <a href="http://www.ANPlighting.com">www.ANPlighting.com</a> 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: \_\_\_\_\_

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

**ACCESSORIES**



EMG-LED



GR16



PC



SLC



SQ



SWL



TBK



SC

**POPULAR ARM MOUNTS**

Dimensions are Projection x Height | CB included with all arms [Click here for all Arm Mount styles](#)



E3 | 32" x 11 7/8"



E4 | 26" x 14"



E6 | 26" x 9 1/4"



E8 | 29 1/4" x 12 1/2"



E9 | 28" x 40 5/8"



E13 | 34" x 34 3/8"



E15 | 13 3/8" x 10 1/2"



E18 | 27 3/4" x 21 3/8"



E20 | 7" x 4 1/2"



E22 | 7 1/2" x 4 1/2"



E25 | 23" x 5 1/4"



E26 | 8 1/8" x 6"

**POPULAR WALL MOUNTS**

Dimensions are Projection x Height [Click here for all Wall Mount styles](#)



WM35 | 20 1/2" x 25"



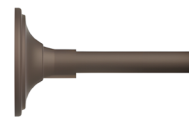
WM41 | 10 1/2" x 14 3/4"



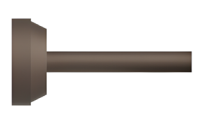
WM55 | 20 5/8" x 14 1/4"



WM318 | 12" x 12 3/4"



WMBVR01 | 14 1/4" x 7 7/16"



WMBVS01 | 13" x 6 3/4"

**POPULAR POST MOUNTS**

Dimensions are Projection x Height [Click here for all Post Mount styles](#)



PM10 | 14 1/2"



PM20 | 30 1/8" x 25"



PM30 | 21 5/8" x 28 7/8"



PM40 | 43 3/8" x 28"



PM50 | 27" x 38"



PM319 | 16 5/8" x 27 1/2"

**DRIVER HOUSINGS**



DCC  
(7 3/4" x 1 1/2") Cord Only



DCC  
(7 3/4" x 1 1/2") Cable/Cord Only



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



DCCEM  
(12" x 1 1/2")

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

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**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



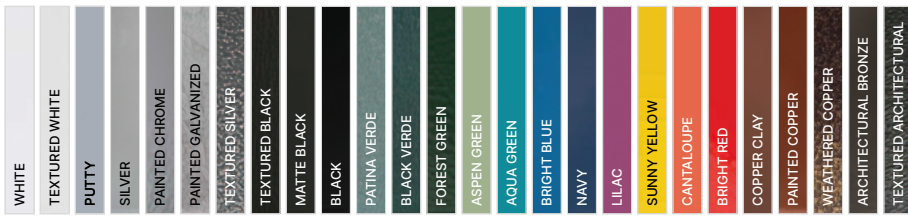
BRGF | Bronze



GOGF | Gold

**FINISHES COLORS**

**STANDARD**



**PREMIUM**

