



Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____

Specifications

Material:
 RLM shades are constructed of heavy duty spun aluminum. Wall back plate and ballast housing are cast aluminum. All fasteners are stainless steel. Inside of shade is reflective white finish for all colors except galvanized paint finish. Screw hardware may not match paint.

Glass:
 Choice of clear, frosted or prismatic glass up to **16w Max.**

Electrical:
 GU24 socket, 120V only. Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming protocols are standard for LED modules. (12w is TRIAC dimming & 120v only)

See page 2 table for LED module and driver specs, voltage and dimming protocols.



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

Finish:
 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 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
 Consult factory for custom or modified luminaires.

ORB12 LED

Weight: 2.0 lbs

Catalog Logic

ORB12 **FR** **M016LD** **D** **W** **40K** **RTC** **UNV** **BLC** **GR12** **41**

RLM Style Glass Light Source & Wattage Dimming Distribution CCT Driver Housing Voltage Mounting Accessories Finish

Catalog Number	1	2	3	4	5	6	7	8	9	10
	ORB12	FR	M016LD	D	W	40K	RTC	UNV	BLC	

1	GLASS
Up to 16W Max	
CL	(Clear Glass)
FR	(Frosted Glass)
PR	(Prismatic Glass)

2	LIGHT SOURCE & WATTAGES
GU24	(GU24 Socket Only, 120V only)
M012LD	(12w, 750 lumen, Cree module) Integral driver, 120V, TRIAC dimming & narrow distribution only.
M009LD	(9w, 850 lumen, Cree module)
M010LD	(10w, 1250 lumen, Cree module)
M013LD	(13w, 1250 lumen, Cree module)
M016LD	(16w, 2000 lumen, Cree module)

3	DIMMING
D	(Dimming)
See page 2 table for LED engine and driver specs, voltage and dimming protocols.	

4	DISTRIBUTION
W	(T5 Wide Distribution with Dome LED Lens)
N*	(T5 Narrow Distribution with Flat LED Lens)
*12w is narrow only, select "N".	

5	COLOR TEMPERATURE (CCT)
27K	(2700K)
30K	(3000K) (Not Sunset Dim)
35K	(3500K) (Not Sunset Dim)
40K	(4000K) (Not Sunset Dim)

6	DRIVER HOUSING
RTC	(Driver Canopy)
RTCNC	(Driver Canopy/No Spun Cover)
NA	(Housing not required for 12w)

7	VOLTAGE
UNV	(120-277)

8	MOUNTING SOURCES
Arm Mounts (Cast back plate included (CB))	
E3 E4 E6 E8 E9	
E13 E15 E18	
E20 E22 E25 E26	
(See Step 5 for Driver Housing Options)	

Wall Mounts	
WM40	
WM54	
WM74	
WM317	
WM84	

Post Mounts (Postline driver only; 4" OD/.125 pole required)	
PM10	
PM20	
PM30	
PM40	
PM50	
PM319	

Cord Mounts	
BLC	(6' black cord with 1" x 5 3/8" canopy)
WHC	(6' white cord with 1" x 5 3/8" canopy)

Stem Mounts	
1/2" (13/16" OD Rigid Stems with STC Flat Canopy)	
2ST6 2ST12 2ST18 2ST24 2ST36 2ST48	
2ST60 2ST72 2ST96	
3/4" (1" OD Rigid Stems with STC Flat Canopy)	
3ST6 3ST12 3ST18 3ST24 3ST36 3ST48	
3ST60 3ST72 3ST96	
(See Step 5 for Driver Housing Options)	

9	ACCESSORIES
CBC	(Cast back plate Spun Alum Cover)
GR12	(12" Wire Grill)
PC	(Button Photo Cell) Remote Only
SC	(Scroll for Arms)
SLC	(Sloped Ceiling Mount, 20° Max)
SQ	(Square Back Plate)
SWL	(Swivel)
TBK	(Turnbuckle Kit)

10 FINISHES			
Standard Grade	Marine Grade	Standard Grade	Marine Grade
40	NA	53	100
41	101	56	109
42	102	61	106
43	114	70	118
44	107	71	105
45	112	72	108
46	123	73	125
47	120	76	121
49	NA	77	127
50	111	78	124
51	103	10	130
52	104	11	131
12	133	13	132
40	NA	53	100
41	101	56	109
42	102	61	106
43	114	70	118
44	107	71	105
45	112	72	108
46	123	73	125
47	120	76	121
49	NA	77	127
50	111	78	124
51	103	10	130
52	104	11	131
12	133	13	132
Premium Grade	Marine Grade	Premium Grade	Marine Grade
81	129	64	116
80	117	65	122
67	119	82	128
66	115	69	113
68	126	83	134
Consult factory for additional paint charges and availability			

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LED PERFORMANCE

MODULE

LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
9W	2700K	850	11W	97
	3000K	850	11W	97
	3500K	850	11W	97
	4000K	850	11W	97
10W	2700K	1250	12W	125
	3000K	1250	12W	125
	3500K	1250	12W	125
	4000K	1250	12W	125
12W	2700K	750	12W	65
	3000K	750	12W	65
	3500K	750	12W	65
	4000K	750	12W	65
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125

MODULE SPECIFICATION

- Efficacy 65-125 lumens per watt
- Dimmable down to 1%
- Life: L70 50,000 hours
- Color temp: 2700K,3000K,3500K and 4000K
- CRI: >90

MODULE DRIVER SPECIFICATION

- Input Voltage: 120-277 Volts; 50/60Hz
- 0-10V, TRIAC and ELV dimming protocols are standard. (24w is 0-10v only)
- Output Current: Constant Current: 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

WARRANTY

See www.anplighting.com for complete fixture warranty.
 LED warranty information

- 5 year limited warranty*

*Limited Warranty: A typical year is defined as 4380 hours of operation.

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ARM MOUNTS | Dimensions are Projection x Height | CB included with all arms



GLASS UP TO 16W MAX	
Glass Legend: CL = Clear FR = Frosted PR = Prismatic	
Glass Only	
	GLCL GLFR GLPR

Driver Housing	
	RTC
	RTCNC

WALL MOUNTS | Dimensions are Projection x Height | **POST MOUNTS** | Dimensions are Projection x Height



ACCESSORIES

