

Dome series

Modern-Post / Arm Top



Overview

The Dome M/L series offers a complete package of sizes, optical systems and mounting options designed for urban areas, buildings, roads and public areas.

Features

- High efficiency LED's / Driver
- Cast aluminum / Copper
- Stainless Steel hardware
- Silicone gasket

Specifications

- 16, 42, 60, 80 watts
- 12,500 max Lm
- 2700K, 3000K, 4000K
- Symmetric / Asymmetric



DmM-BELL-SOLAR-AM



DmL-FLR-GR3-AM

Dome series

Project: _____ Type: _____ Date: _____

Product: _____

Ordering Information: Product Optics Wattage LED Voltage Mounting Color Options
 Example: Dm/M-ANG - FA - 40 - 4K - 120-277 - AM - BLK - HS

Dome Med / Lrg • Arm Mount or Wall Mount

Product - Shade		Optics	EPA: 2.5/4.0	Weight: 24/32 lbs
Dm/M-	ANG	Angle	FA	Frosted Acrylic Lens
Dm/L-	FLR	Flared	TYPE	II, III, IV, V
	STR	Straight	GR3	Glass Refractor Type-3
	BELL	Bell	GR5	Glass Refractor Type-5
	BFLR	Bell Flared		
	FLR/L	Flared Large		

Wattage	Lm	Voltage
16 med size	3000	120-277
42 med size	6000	"
60 lrg size	9000	"
80 lrg size	12100	"

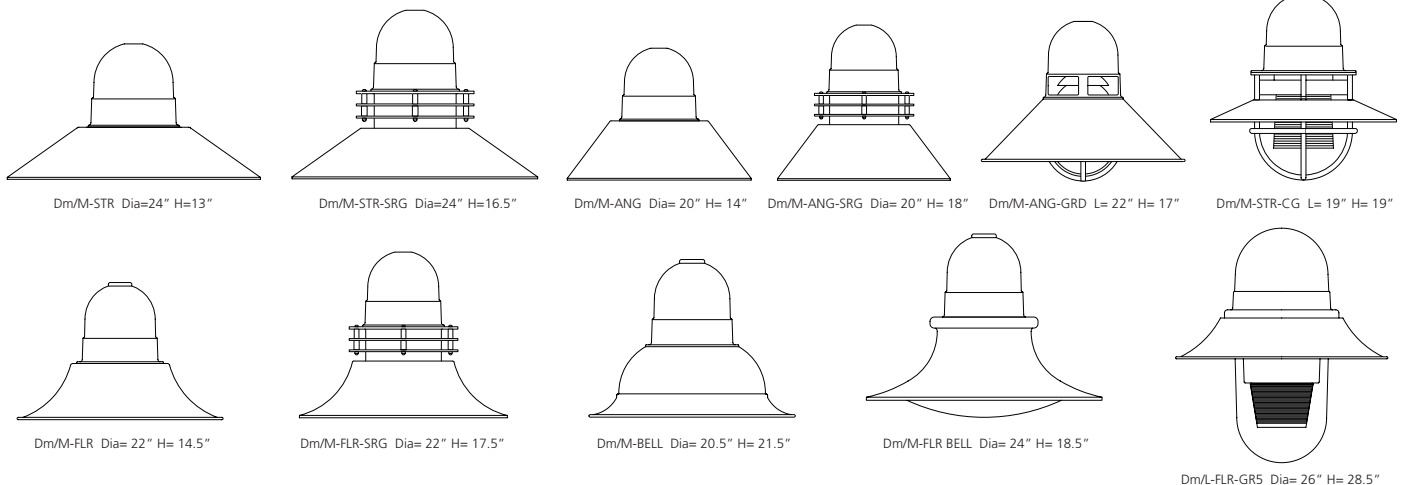
Note: Driver's are 120v- 277v unless specified. LED's included. Consult factory for other voltages & drivers.

Mounting			
Note: For pole and arm information, see pole & arm section			
Post Top	Flush Mount	Wall Mount	Arm Mount
PT	FM	WM	(2/3/4)AM
Post Top for 2 3/8 O.D. tenon or Specify Size	Flush Mount for 4" O.D. pole only		Arm Mount-Specify the number of arms required

Colors	Options
BLK Black	SF Single Fuse (120,277,347v)
WHT White	DF Double Fuse (208,240,480v)
DBZ Dark Bronze	C Copper Shade
LG Light Gray	SS Stainless Steel Shade
CC Custom Color	PCB Photo Control Button
	HS House Side Shield
	PM Pendant Mounting
	SRG Solid Rings

Note: for Copper shades add a "C" in back of the shade prefix example - CFLR

Luminaire Dimensions



Specifications

HOUSING: The fixture shall be composed of cast aluminum, A356 alloy and extruded aluminum components, free of porosity and foreign materials. The top housing, houses the LED and driver components, sealed with silicone gasket. The shade shall be a heavy gage spun aluminum with a down edge for added rigidity. The LED's & driver assembly is accessible by loosening the hinge door assembly. All internal and external hardware shall be 316 stainless steel. The shade option can be obtain in, copper and stainless steel material.

ENCLOSURE: The door assembly shall be of one piece clear acrylic-(standard) and a cast aluminum frame, sealed to the housing with a molded silicone gasket. The glass refractor made of borosilicate glass, type 3 and 5.

LEDs: Selected high brightness LED's, > 80 CRI. 2700°K-3000°K-4000°K color temperature (nominal). Distribution symmetric and asymmetric. Expected life minimum 60,000 hours @80% IL- depending upon the ambient temperature of the installation location. Independent led modules. Wattages 42 max medium size and 80 max large size.

ELECTRICAL: All electrical components are U.L. and C.S.A. recognized, mounted on a gear tray which attaches to the housing as a one piece assembly. LED driver, constant current electronic driver-rated for 40w to 80w, 120v-277v input -30°C start. 0-10v dimming and surge protection. All components are prewired and electronically tested before shipment.

MOUNTING: Post top mounting-the fixture shall slip over a 4" O.D. pole or tenon and be secured with 4-stainless steel set screws. Other mounting options available.

FINISH: Super TGIC thermoset polyester powder coat paint. Powder coating is 2.5 mil nominal thickness over a chromated pretreatment. This finish system shall meet the A.S.T.M. 2500 hour salt spray test. Copper and Stainless steel to be of a natural finish. A clear top coat option is available.

CERTIFICATION: Fixture shall be listed with ETL outdoor wet location use, conforms to UL1598 and CAN/CSA Std C22.2 no. 250.0

WARRANTY: Fixture shall be warranted to be free of defects for three years. LED's and driver components shall carry the manufacturer's limited warranty. Our products are 100% designed, sourced and fabricated in California USA.