DOGWOOD (DOG) Series

Wall Pack - BAA Compliant

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com

c UL us LISTED | c ETL us Intertek | DLC LISTED | 5 YEAR LIMITED WARRANTY | IP65 | BAA COMPLIANT

Model A

Model B

SPECIFICATIONS

Housing:

- **Model A:** Die Cast Gasketed Aluminum Front Frame and Housing with ½" Coin Plugs, Nickel-Plated Stainless Steel Hardware.
- **Model B:** Die Cast Aluminum Housing & Hinged Front Frame, ½˝ Coin Plugs with O-rings for Conduit & Photocell. Gasketed.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

Finish:

- Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating.
- Custom Colors Available Upon Request.

Lens:

- Prismatic Clear or SoftLED Prismatic Borosilicate Glass Lens

Mounting Options:

- Mount Directly Over a 4˝ Recessed Outlet Box, or Use ½˝ Surface Conduit or Optional Wall Mount Plate.

EasyLED LED:

- Aluminum Boards

Wattage:

- **Model A:** 16W - *System: 17.7W; (100W HID Equivalent)*
- **Model A:** 22.7W - *System: 27.6W; (100W HID Equivalent)*
- **Model B:** 29W - *System: 31.6W; (100W HID Equivalent)*
- **Model B:** 43W - *System: 47.4W; (250W HID Equivalent)*
- **Model B:** 57.8W - *System: 67.3W; (400W HID Equivalent)*

Driver:

- Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz;
- Less Than 20% THD PF>0.90.
- Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

- Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing.
- Please consult factory for remote direct wired interface of 1-10V Dimming, fixtures are not wired for remote control connection standard and may not be available in this configuration.
- Fixtures are NOT designed for use with line voltage dimmers.

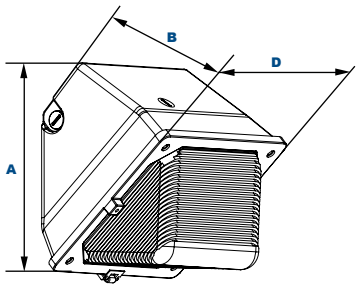
Warranty:

- 5-Year Warranty for -40°C to +40°C Environment.

DIMENSIONS

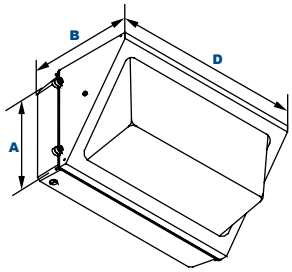
Dimensions - DOG-A

Width (D)	8¾˝ (222mm)
Length (B)	8¾˝ (222mm)
Height (A)	9¼˝ (235mm)



Dimensions - DOG-B

Width (D)	18⅛˝ (479mm)
Length (B)	9⅜˝ (238mm)
Height (A)	9˝ (229mm)



LUMENS & OPTICS

**See Page 3 for All Photometry Diagrams.*

ORDERING INFORMATION

ORDERING GUIDE

Series	Size	Wattage	CCT	Voltage	Lens	Color	Options *Model A Only*	Options *Model B Only*	
DOG	A = Small	16 = 16W 23 = 23W	S = 3000K I = 4000K C = 5000K	LV = 120-277V HV[1] = 347-480V	BLANK = Prismatic Glass Lens *(Standard)* S = SoftLED Prismatic Glass Lens	DB = Dark Bronze CC = Custom Color *(Contact Factory)*	SF = Single Fuse[2] DF = Double Fuse[2] SP = Surge Protection PC3 = Photocell, 120-277VAC	SF = Single Fuse[2] DF = Double Fuse[2] SP = Surge Protection PC3 = Photocell, 120-277VAC P12 = Pencil Photocell, 277VAC P14 = Pencil Photocell, 120-277VAC	S2 = Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.[2] S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.[2] BU = Battery Backup, 90 Minutes[2] BUC = Cold Start Battery Backup, -20°C, 90 Minutes[2]
	B= Large	29 = 29W 43 = 43W 58 = 58W	I = 4000K C = 5000K						

1: Model A,16W cannot use HV Option.
2: 120-277V Models Only.

ACCESSORIES

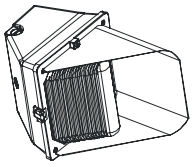
Mounting Accessories - DOG-A (Order Separately, Field Installed)

SM-WPMP	Die Cast Wall Mount Plate with Locknut, O-ring & Weatherproof Gasket.

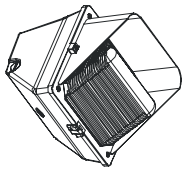
SM-WPMP

Accessories DOG-A (Order Separately, Field Installed)

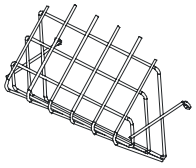
SM-FCO	Full Cutoff, Stamped Aluminum, Bronze Powdercoat Finish, Includes Hardware.
SM-GS	Glare Shield, Stamped Aluminum, Bronze Powdercoat Finish, Includes Hardware.
SM-WG	Wire Guard, Stainless Steel Construction, Includes Hardware.



SM-FCO*



SM-GS*



SM-WG

***Shown Mounted**

Accessories - DOG-B (Order Separately, Field Installed)

LG-VG	Clear UV-Stabilized Polycarbonate Vandal Resistant Guard
LG-WG	Wire Guard, Stainless Steel Construction, Includes Hardware.
LG-BS	Stainless Steel Bird Spikes

LG-VG*

LG-WG*

***Shown Mounted**

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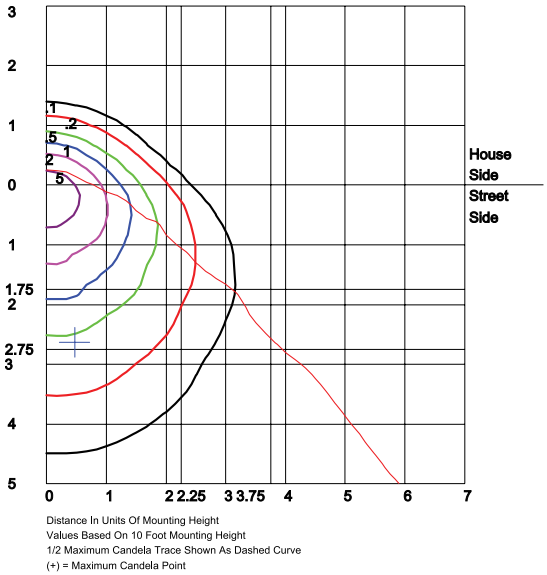
Wall Pack

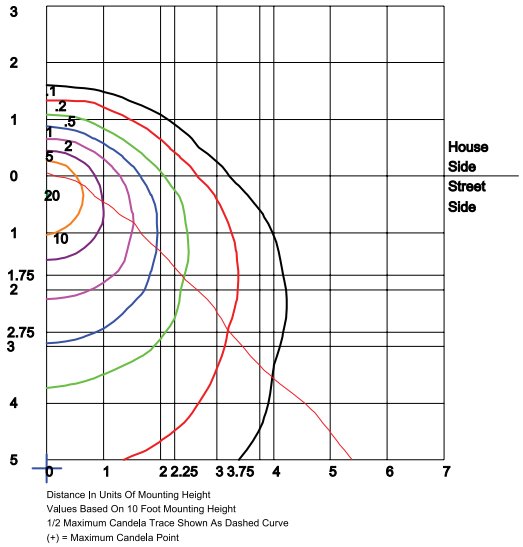
PHOTOMETRY

Photometric Data



Model A: 23W

Type IV
Grid in MH
MH=10 Feet



Model B: 58W

Type IV
Grid in MH
MH=20 Feet

Photometric Performance: Model A

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI Lumens	LPW	B	U	G	4000 CCT 80 CRI Lumens	LPW	B	U	G	3000 CCT 80 CRI Lumens	LPW	B	U	G
23W	700	18	Type IV	2,298	128	1	3	2	2,206	123	1	3	2	2,034	113	1	3	2
23W		28	Type IV	3,217	115	1	3	3	3,089	110	1	3	3	2,847	102	1	3	3

Projected Lumen Maintenance: Model A

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	28	1.00	0.96	0.92	0.84	182,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.71	104,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.75	80,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

Photometric Performance: Model B

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI Lumens	LPW	B	U	G	4000 CCT 80 CRI Lumens	LPW	B	U	G
29W	116	32	Type IV	4,399	137	1	4	3	4,223	132	1	3	3
43W		47	Type IV	6,598	140	1	4	4	6,334	135	1	4	4
58W		67	Type IV	8,797	132	1	5	5	8,445	126	1	4	5

Projected Lumen Maintenance: Model B

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 67w	1.00	0.95	0.89	0.78	138,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.86	0.72	0.43	53,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.84	0.68	62,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.