ARB Series | ARCBOX LED Garage Lighter

Project:	
Type:	
Catalog # :	

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

c UL us LISTED CERTIFIED UL 1598 UL 8750 LED SAFETY IP66

SPECIFICATIONS

Housing
Low Profile Die Cast Aluminum Housing, ½" Coin Plugs with O-rings for Conduit or External Sensor. Built-in Sensor Housing with Color-Matched UV-Stabilized Polycarbonate Cover. A Clear Cover will be Provided When a Sensor is Ordered

Wattage
- 30w Array: 30w; System: 34.4w;
- 37w Array: 37w; System: 42.5w;
- 48w Array: 48w; System: 55w;
- 65w Array: 65w; System: 74.6w; (250w HID Equivalent)

EasyLED LED
Aluminum Boards

Mounting
Included Easy-Hang Bracket Fits Standard 4" Electrical Box, Allowing One-Person Installation.
Optional Quick-Mount/Pendant Bracket Available.

Lens
Molded UV-Stabilized Acrylic Optical Lens Designed for Garage Lighting Applications

Finish
Textured Architectural Bronze or White Powder-coat Finish Over a Chromatic Conversion Coating. Custom Colors Available Upon Request.

Driver
Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz;Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 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. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with QSSI Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers

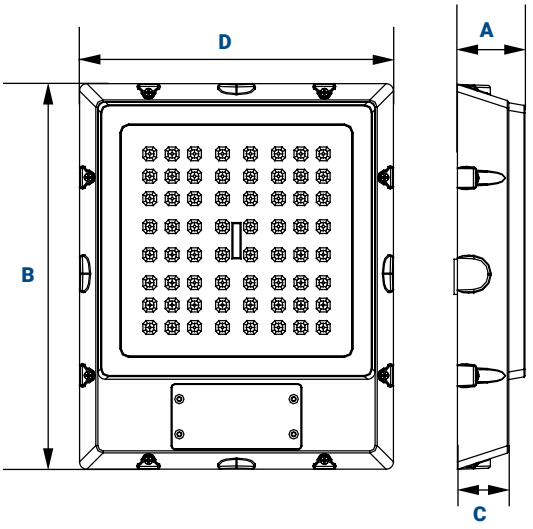
Certifications & Warranty
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750. (Damp Locations When Used with VNQM.); IP66 Sealed LED Compartment. 5-Year Warranty for -40°C to +50°C Environment

KEY FEATURES

- Available with optional integral sensor.
- Offered in three wattages.
- Designed to replace HID lighting systems up to 175w MH or HPS.
- Suitable for typical parking garage applications such as retail centers, industrial parks, schools and universities, public transit and airports, office buildings, and medical facilities.
- Mounting heights of 8 to 16 feet applicable based on light level and uniformity requirements

DIMENSIONS

Dimensions	
Width (D)	11¼˝ (285mm)
Length (B)	13¾˝ (350mm)
Height 1 (A)	2½˝ (65mm)
Height 2 (C)	1⅞˝ (47mm)



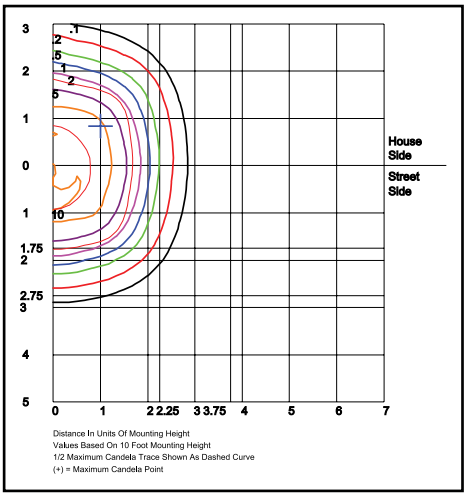
ORDERING INFORMATION

ORDERING GUIDE

Series	Wattage	CCT	Driver	Mounting	Color	Accessory
ARB	3 = 30W	S = 3000K I = 4000K	A = 120-277V B = 347-480V	PM = QuickMount/Pedant Mount	W = White BR = Bronze V = Custom (Contact Factory)	1F = Single Fuse* 2F = Double Fuse* SP = Surge Protection PC = Photocell, 120-277VAC MS1 = Microwave Sensor with Dimming for Mounting Heights of 8' to 40´.* MS2 = Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* BU1 = Battery Backup, 90 Minutes* BU2 = Cold Start Battery Backup, -20°C, 90 Minutes*
	37 = 37W	I = 4000K				
	4 =48W	I = 4000K K = 5000K				
	6 = 65W	I = 4000K				

**A Driver (120-277V) Models Only*

OPTICS & PHOTOMETRIC DATA



Grid in MH
MH=10 Feet

				5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
30w	525	34	STANDARD	-	-	-	-	-	4,776	141	2	1	1	4,590	135	2	1	1
37w		43		-	-	-	-	-	5,890	137	2	1	1	-	-	-	-	-
48w		55		7,939	144	3	1	1	7,642	139	3	1	1	-	-	-	-	-
65w		75		-	-	-	-	-	10,348	138	3	1	1	-	-	-	-	-

PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	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 75w	1.00	0.97	0.93	0.86	219,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.96	0.91	0.82	114,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.95	0.89	0.78	93,000

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.