

FB2C3 Small Astra LED Bullet



Project Information	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The DuraGuard FB2 flood light luminaire is available with a knuckle mounting feature and is designed to replace HID lighting systems up to 50w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting can be accomplished using ground attachment accessories and up to heights of 12 feet based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Die-Cast Gasketed Aluminum Housing and Front Frame. Nickel-Plated Stainless Steel Hardware.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.

FINISH:

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

LENS:

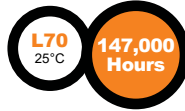
Tempered Clear Flat Glass Lens.

MOUNTING OPTIONS:

Adjustable Knuckle with 1/2" NPS Threads.

COB LED:

DuraGuard COB



WATTAGE:

COB: 10w, System: 9w; (50w HID Equivalent)

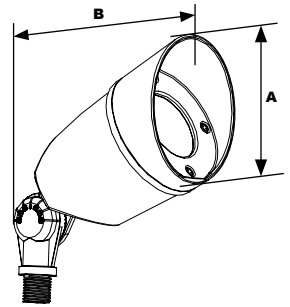
DRIVER:

Electronic Driver, 120-277V, 50/60Hz; Non-Dimmable
12V: Electronic Driver, 12-17VAC Input, 50/60Hz, Non-Dimmable

WARRANTY:

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

See Page 2 for Projected Lumen Maintenance Table



Dimensions

Length (B)	8" (201mm)
Diameter (A)	3 3/4" (98mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: FB2DC31X10U41KZ

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FB2	DC3	1X10		41K	
Model	Optics	Wattage	Driver	CCT	Color
FB2=Small Astra LED Bullet		1X10=10w	U=120-277V V=12V	41K=4100K	Z=Bronze C=Custom (Consult Factory)
DC3=NEMA 4H x 4V					
*See Page 2 for Distribution Information.					



Specifications subject to change without notice.

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Mounting Accessories (Order Separately, Field Installed)	
PTFZ	Die-cast Post Top Filter for 2 3/4" to 3 1/2" Poles, Bronze Powdercoat Finish, Three (3) 1/2" Coin Plugs.
STK	Heavy Duty Ground Stake, Built-in Wiring Compartment with 1/2" NPS Threaded Fitting, Black Plastic. For Line-Voltage Applications.
NA04	Plastic Ground Stake with 1/2" NPT Threads, 11" H x 3" Diameter. For Low-Voltage Applications.

Accessories (Order Separately, Field Installed)	
NT150BK	150w, 120V Black Powdercoat Steel Landscape Transformer, 12V, with Timer and Photocell
NT300SS	150w, 120V Black Powdercoat Steel Landscape Transformer, 12V, with Timer and Photocell
NT300SSM	300w, 120V Stainless Steel Landscape Transformer, Multi-Tap 12/14/17V, with Timer and Photocell

*Shown Mounted

PHOTOMETRIC PERFORMANCE

LED COB Watts	Drive Current (mA)	Input Watts	Beam	4100 CCT 80 CRI	Lumens	LPW
COB LED 10w	350	9	D 27°H x 27°V, NEMA 4H x 4V		853	95

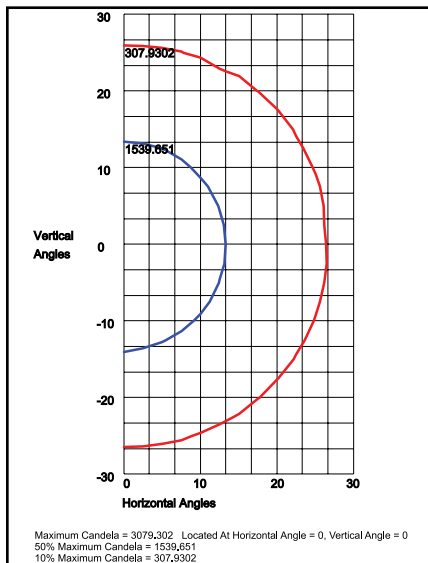
PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	9	1.00	0.95	0.90	0.80	147,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	9	1.00	0.89	0.78	0.55	67,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	9	1.00	0.92	0.85	0.70	66,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 350mA 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 DATA



FB2DC31X10U41K
 27°H x 27°V Beam, NEMA 4H x 4V