



EBF SERIES EMERGENCY BATTERY FOOTBALL



Catalog #	
Project	
Date	
Prepared by	
Model #	EBF-40-3

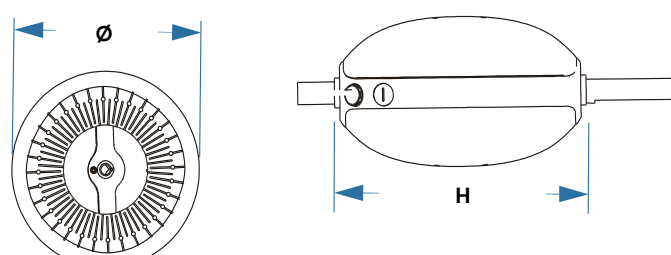
OVERVIEW

The EBF Emergency Battery Football is designed to be quickly and easily installed with high bay luminaires. They provide back up power during power outages, ensuring facilities always have a reliable light source.

PRODUCT HIGHLIGHTS

- IP65
- Remote control testing
- Dimmable
- 90 minute discharge
- WAGO connectors for quick wiring
- Factory or field installed
- Compatible with Premise HBX2, HBV1, HBV2
- Optimally designed for UFO high bays, with multiple mounting configurations
- Monthly and annual self-diagnostic testing
- Over-voltage, short-circuit, over-load, and open-circuit protection

ELECTRICAL SPECIFICATIONS		APPROVALS & LISTINGS	
Input Voltage	100-347VAC	IP Rating	IP65
Output Voltage	≤175VDC	UL/ETL Listed	E525680
Emergency Power	40W	COMPATIBILITY	HBV1-1
Input Current	≤200mA		HBV1-3 (120-277V only)
Battery Charge Time	24 hours		HBX1-1
			HBX1-2 (277V only)
			HBX2-1
			HBX2-2 (277V only)
CONSTRUCTION			
Housing Material	Die-cast aluminum		
Housing Color	Orange		
Dimensions (inch/mm)	Ø: 5 1/8" (130 mm) H: 9 13/16" (250 mm)		
Weight (g/oz)	3.3kg / 7.3lbs		
Installation Method	Chain (not included) with eyebolt or 1/2" NPT conduit mount		
Operation Range (°C/°F)	0°C to 50°C / 32°F to 122°F		
Warranty	5 years		



PRODUCT FEATURES

CONSTRUCTION

- 5 x 1/2" NPT threaded knockouts
- 1/2" NPT knockout on top and bottom
- Die-cast aluminum
- Orange housing colour
- 3.3kg / 7.3lbs weight

ELECTRICAL

- 100-347VAC input
- ≤175VDC output
- ≤200mA input

LISTINGS & RATINGS

- cULus
- Wet location
- IP65
- RoHS
- FCC
- Listed for use in:
0°C to 50°C (32°F to 122°F)

INSTALLATION

- 1/2" conduit or eye-hook (included)

BATTERY

- Li-ion
- ≥24 hour charging time
- 90 min discharge
- Remote control testing

RATED LIFE & WARRANTY

- 5 year warranty
(visit premiseled.com/warranty/)

ORDERING GUIDE

SERIES	-	POWER (W)	-	VOLTAGE & DIMMING
EBF		40: 40W		3: 100-347V, 0/1-10V dimming

MODEL SELECTION

SERIES	-	POWER (W)	-	VOLTAGE
EBF	-	40	-	3

ACCESSORIES SELECTION

EXAMPLE: EBF-40-3

ORDER	MODEL #	DESCRIPTION
	EBF-CONN-M10	M10 to 1/2" NPT Adaptor
	EBF-CONN-M12	M12 to 1/2" NPT Adaptor
	EBF-CONN-12	1/2" NPT hollow double ended threaded connector

LUMEN OUTPUT DURING EMERGENCY OPERATION

1. Determine the fixture's efficacy under normal conditions based on the fixtures published data in lumens per watt (lm/W).
2. Reference DLC QPL (www.designlights.org) for rated data on fixture efficacy.
3. Multiply the rated output power of the emergency battery by the fixture's efficacy.
Example (EBF-40-3 installed with PREMISE HBX2-1504-2): 40W x 153 lm/W = 6,120 lm

EBF COMPATIBILITY

MODEL#	DESCRIPTION
HBV1 (120-277V only)	Monopoint Value High Bay
HBX1 (120-277V only)	Monopoint High Bay
HBX2 (120-277V only)	Monopoint High Bay
LHB3 (120-277V only)	Linear Highbay