

DATE: 3/25/2020

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00130334

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: **Rocky Mountain Recreation LLC**

BUYER: MBUTTERY

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

**7 - 10 Days**

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

**N/A**

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

**N/A**

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: **N/A**  
NUMBER: **N/A**  
NUMBER: **N/A**  
NUMBER: **N/A**

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) **N/A**

**\*\*\* ALL BIDDERS MUST COMPLETE SECTION BELOW \*\*\***

FIRM NAME:

**Rocky Mountain Recreation LLC**

SIGNATURE:

(Must be signed here)

TITLE:

**President**

PRINT OR TYPE NAME

**Janeil Norman**

ADDRESS:

**PO Box 68**

CITY, STATE:

**Albion ID**

ZIP:

**83311**

TELEPHONE:

**(208) 670-5079**

FAX:

( ) **N/A**

EMAIL ADDRESS:

**rockymountainrecreationllc@gmail.com**

TOTAL PRICE OF ALL BID ITEMS: \$ **2,574.25**

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00130334

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	17.00	EA	PURCHASE OF IOTA BRAND BALLASTS FOR THE JEFFERSON PARISH ANIMAL SHELTER		
			0010 - IOTA I42EMA FLUORESCENT EMERGENCY BALLAST MUST BE THIS MAKE AND MODEL TO  FIT EXISTING EQUIPMENT AND STAY CONSISTANT THROUGHOUT THE SHELTER.	124.87	2,122.79
2	3.00	EA	0020 - IOTA-I320 FLUORESCENT EMERGENCY BALLAST MUST BE THIS MAKE AND MODEL TO  FIT EXISTING EQUIPMENT AND STAY CONSISTANT THROUGHOUT THE SHELTER.	126.58	379.74
3	1.00	EA	0030 SHIPPING AND HANDLING FOR BALLATS GROUND TRANSPORTATION	71.72	71.72
Spec Sheets Attached					



AC OUTPUT



## DESCRIPTION

The **I-42-EM-A** from IOTA Engineering is a UL Listed fluorescent emergency ballast that allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the **I-42-EM-A** switches to the emergency mode and operates **one or two** of the existing lamps for **90 minutes**. The unit contains a battery, charger, and inverter circuit in a single can. The **I-42-EM-A** can be used with most 10W-42W twin, triple, quad tube, 2D and Straight **4-pin** compact fluorescent lamps and 18W-36W long compacts, with a total initial output of up to **650 lumens** for one or two lamps. The **I-42-EM-A** utilizes **AC output** to ensure compatibility with new lamp technologies, and features lamp selector leads for optimizing light output for designated lamp types. The **I-42-EM-A** features dual flex design for connecting wiring to the junction box and test accessories, and is suitable for use in damp locations.

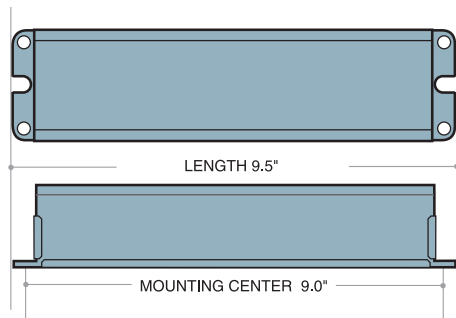
## SPECIFICATIONS

Input Voltage .....	(Dual) 120/277V, 60Hz
Input Wattage .....	3.5 Watts
Lamps Operated .....	10W-42W <b>4-pin</b> Rapid Start Twin, Triple, Quad Tube, 2D & Straight Compact Lamps, and 18W-36W Long Compact Lamps
Emergency Operation* .....	(1) 10W-42W or (2) 10W-18W 90 minutes *Long Compact - (1) lamp only
Initial Illumination .....	650 lumens (2) lamps 325 lumens each lamp
Operating Temp .....	0° to 50° C
Battery .....	24 Hour Recharge 7-10 Year Life Expectancy
Weight .....	4.4 lbs.
Approval .....	UL and CUL Listed



## DIMENSIONS

9.5" x 2.4" x 1.5" (mounting center 9.0")



## INITIAL LUMEN OUTPUT

650 Lumens

## LAMPS OPERATED\*



(1) 10W-42W 4-PIN Compact

(2) 10W-18W 4-PIN Compact



(1) 18W-36W Long Compact



Select LED Retrofit Tubes

\*Refer to Lumen Reference Chart and LED Retrofit Reference Chart for list of compatible lamps.

## PRODUCT ADVANTAGES

- **AC output for compatibility with Low-Mercury Content Amalgam lamps**
- **Time Delay feature for compatibility with End-of-Lamp-Life Circuitry**
- **Open Circuit Isolation protects unit when load is absent**

## FEATURES

- Will cold start and operate all specified lamps
- Long life high temperature recyclable Ni-Cad battery
- Galvanized steel case
- Includes test switch and charge indicator accessory kit
- For use with switched or unswitched fixtures
- **5-Year Warranty.** See Warranty Page for details.
- Lamp selector leads optimize light output for designated lamp type
- Rated for use in damp locations and plenum fixtures
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- RoHS Compliant
- International Voltage Models available

FLUORESCENT

COMPACT



# I-42-EM-A

FLUORESCENT EMERGENCY BALLAST FOR 4-PIN LAMPS

## OPTIONS

### TEST KIT CONFIGURATION

- ☐ TBTS
- ☐ TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

### MOUNTING CONFIGURATION

- ☒ EM-A

### VOLTAGE RATINGS

- ☐ 120/277V 60HZ (STANDARD)
- ☐ 220V 50HZ
- ☐ 240V 60HZ
- ☐ 120V 50HZ

## INITIAL LUMEN RATINGS

LAMP	1 LAMP	2 LAMPS
13W PL CF 4-PIN	350	400
18W PL CF QUAD 4-PIN	350	550
26W PL CF QUAD 4-PIN	425	
32W PL CF QUAD 4-PIN	600	
42W PL CF QUAD 4-PIN	750	
F282 D/42 4-PIN	475	500
F382 D/42 4-PIN	500	650
18W LONG COMPACT	500	
24W LONG COMPACT	575	
36W LONG COMPACT	650	

### LED Retrofit Tube Options

This IOTA Emergency Ballast is UL Listed for emergency operation of select LED retrofit tube applications. For a complete list of acceptable LED retrofit tube options, refer to the **IOTA LED Retrofit Tube Reference Chart** at [www.iotaengineering.com/IOTA-LED-Retrofit.pdf](http://www.iotaengineering.com/IOTA-LED-Retrofit.pdf)

## I-42-EM-A SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I-42-EM-A** fluorescent emergency battery pack. The **I-42-EM-A** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 9.5" x 2.4" x 1.5" vandal-resistant galvanized steel case. The unit is designed for installation on top of the fixture and is equipped with 1/2" flex for wiring to the fixture or ballast compartment. A combination one-piece long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate one 10w-42w or two 10w-18w twin, triple, quad tube, 2D or straight **4-pin** fluorescent lamps, or one 18w-36w long compact fluorescent lamp. The **I-42-EM-A** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 650 lumens. **The I-42-EM-A will operate the lamp(s) with AC output** and will feature lamp selector leads for optimizing light output for the designated lamp type. The **I-42-EM-A** shall have 3.5 watts of input power and a battery capacity of 14.4 watt hours. The **I-42-EM-A** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations. The **I-42-EM-A** is warranted for a full five (5) years from the date of purchase.

## REMOTE MOUNTING

When battery packs are remote mounted, consult Customer Service for the maximum allowable distance between the battery pack and lamp(s).



FEATURES  
**REDUCED PROFILE**  
FOR SHALLOW COMPARTMENTS



AC OUTPUT



#### INITIAL LUMEN OUTPUT

1350 Lumens

#### LAMPS OPERATED\*



(1) 2-4 ft. Bipin HO and VHO T8



(1) 2-4 ft. 14W-54W T5

Select LED Retrofit Tubes

\*Refer to Lumen Reference Chart and LED Retrofit Reference Chart for list of compatible lamps.

## DESCRIPTION

The **I-320** from IOTA Engineering is a UL Listed fluorescent emergency ballast that allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the **I-320** switches to the emergency mode and operates **one** of the existing lamps for **90 minutes**. The unit contains a battery, charger, and inverter circuit in a single can, and can be mounted in the wireway or on top of the fixture. The **I-320** can be used with most **2'-4' T8** lamps and **2'-4' 14W to 54W T5** lamps with an initial output of up to **1350 lumens** for one lamp. **The I-320 utilizes AC output to ensure compatibility with new lamp technologies**, and features lamp selector leads for optimizing light output for the designated lamp type. The **I-320** is suitable for use in damp locations and in enclosed and gasketed fixtures. The **I-320** delivers high performance in a slim design, and is ideal for use in fixtures where ballast compartment space is limited.

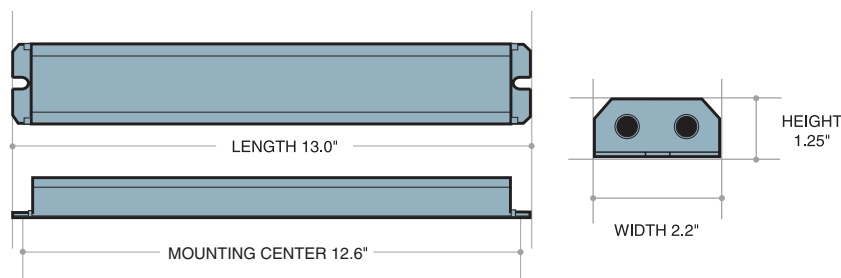
## SPECIFICATIONS

Input Voltage .....	(Dual) 120/277V, 60Hz
Input Wattage .....	3.5 Watts
Lamps Operated .....	Most 2'-4' single, bipin T8 HO and VHO and 2'-4' 14W to 54W T5 fluorescent lamps
Emergency Operation* .....	(1) 2'-4' 90 minutes
Initial Illumination .....	(1) lamp up to 1350 lumens
Operating Temp .....	0° to 50° C
Battery .....	24 Hour Recharge 7-10 Year Life Expectancy
Weight .....	2.5 lbs.
Approval .....	UL and CUL Listed



## DIMENSIONS

13.0" x 2.2" x 1.25" (mounting center 12.6")



## PRODUCT ADVANTAGES

- **Reduced Profile design is ideal for smaller ballast compartments**
- **AC Output for compatibility with low mercury content amalgam lamps**
- **Time Delay feature for compatibility with End-of-Lamp-Life circuitry**
- **Open Circuit Isolation protects unit when load is absent**

## FEATURES

- Will cold start and operate all specified lamps
- Long life high temperature recyclable Ni-Cad battery
- Galvanized steel case
- Includes test switch and charge indicator accessory kit
- For use with switched or unswitched fixtures
- Rated for use in damp locations, plenum, and enclosed and gasketed fixtures.
- **5-Year Warranty.** See Warranty Page for details.
- Lamp selector leads optimize light output for desired lamp type
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- RoHS Compliant
- International Voltage Models available





OPTIONS

TEST KIT CONFIGURATION

- ☐ TBTS
- ☐ TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

VOLTAGE RATINGS

- ☐ 120/277V 60HZ (STANDARD)
- ☐ 220V 50HZ
- ☐ 240V 60HZ
- ☐ 120V 50HZ

INITIAL LUMEN RATINGS

LAMP	1 LAMP
F17 T8	1125
F25 T8	1200
F28 T8	1215
F32 T8	1350
14W T5	850
21W T5	1150
24W T5	925
28W T5	1050
39W T5	1100
54W T5	1150
13W PL CF 4-Pin	935
18W PL CF Quad 4-Pin	955
26W PL CF Quad 4-Pin	1110
32W PL CF Quad 4-Pin	1070
42W PL CF Quad 4-Pin	1160

LED Retrofit Tube Options

This IOTA Emergency Ballast is UL Listed for emergency operation of select LED retrofit tube applications. For a complete list of acceptable LED retrofit tube options, refer to the **IOTA LED Retrofit Tube Reference Chart**

REMOTE MOUNTING

When battery packs are remote mounted, consult Customer Service for the maximum allowable distance between the battery pack and lamp(s).

I-320 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I-320** fluorescent emergency battery pack. The **I-320** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 13.0" x 2.2" x 1.25" vandal-resistant steel case for installation in the wireway or on top of the fixture. A combination one piece long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate one 14w-54w T5 (2'-4'), or 20w-32w (2'-4') T8 fluorescent lamps. The **I-320** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 1350 lumens. **The I-320 will operate the lamp with AC output** and will feature lamp selector leads for optimizing light output for the designated lamp type. The **I-320** shall have 3.5 watts of input power and a battery capacity of 24 watt hours. The **I-320** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations and in enclosed and gasketed fixtures. The **I-320** is warranted for a full five (5) years from the date of purchase.

1350 LUMEN SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an integral fluorescent emergency battery pack. The EM pack shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a steel case for installation either inside the wireway or on top of the fixture. A long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate one 14w-54w T5 (2'-4') or 20w-32w (2'-4') T8 fluorescent lamps. The EM pack shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 1350 lumens. The fluorescent EM pack will operate the lamp with AC output and will feature lamp selector leads for optimizing light output for the designated lamp type. The unit shall have 3.5 watts of input power and a battery capacity of 24 watt hours. The EM pack must be UL Listed and meet or exceed all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations and in enclosed and gasketed fixtures. All product shall be warranted for a full five (5) years from the date of purchase.