This Document has been customized to contain a wide library of individual diagrams for various installation applications. If a diagram cannot be found within this selection, consult Customer Service.

The diagrams are categorized primarily according to the number of lamps in the fixture, then followed by the ballast type. Sometimes a specific lamp type is listed (i.e: biax, circline, etc.). If a lamp type is not listed, the diagram shows a typical straight tube lamp configuration. In some cases, a specific ballast manufacturer is listed for AC ballasts that have unique wiring arrangements.

Diagrams for specific situations can be located within this PDF file by using the following methods:

1) USING THE NAVIGATION WINDOW

Use the Navigation window and select the Emergency Ballast for which the diagram is needed, then scroll through the list of applications to find the diagram(s) that meet the necessary criteria by clicking on the “plus” sign next to the Unit Model. (Many of the diagrams are bookmarked with identical descriptions. Examine the diagram for details as to whether or not it applies to your situation.)

NOTE: The order in which the pages are bookmarked is not indicative of the actual page order, therefore, continuing to the next page after a “Two Lamp Ballast” diagram may not necessarily take you to another “Two Lamp Ballast” diagram. To aid in locating specific diagrams, each has been bookmarked and categorized in the navigation window.

2) USING THE FIND COMMAND

Some diagrams feature a Model List for reference. If you know the actual model number of the AC ballast that the emergency unit is being wired to, you may use the “FIND” tool in the toolbar (Denoted by the binocular icon) to search the diagrams for that particular model. FIND commands may or may not be successful, since not all ballasts models are listed within this file.

When using the FIND command, it may be helpful to search for only the first few letters or numbers of the model number (i.e. “RCN” or “ECO”) due to the nature of how the reference lists are compiled. Include any hyphens or slashes that may appear in the model number when using the FIND command.

This Guide is by no means an exhaustive record of all AC Ballast/Emergency Unit combinations. If a search using the FIND command or Navigation window is not successful, contact Customer Service for further assistance.

You may request an updated Wiring Diagram Guide at anytime. Please consult Customer Service to find out if a later version with any additions and/or corrections is available.
ONE LAMP RAPID START BALLAST

**A.C. Ballast**

[Diagram showing connectors and leads]

**EMERGENCY BALLAST**

**UNIT CONNECTOR**

**LPT / CHARGE INDICATOR**

**Common**

**SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.**

**DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.**

1. Switched or Unswitched Line
2. Unswitched Line

**LED**

**AC / EMERGENCY**

**ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.**

**DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.**
UNSWITCHED
SWITCHED OR
UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE

• A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

➀ SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
➁ DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
THREE LAMP RAPID START BALLAST

SWITCHED OR UNSWITCHED LINE

UNSWITCHED

SELECT PROPER VOLTAGE LEAD: CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

➀ ➁

A.C. BALLAST

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ADVANCE
R/V-3S34-TP
RC/VON-3S32
RC/VON-3S40
RL/VEL-3S40-RH-TP
R/VIC-3S32-TP
R/VIC-3S40-TP
RL-3SP20-TP
R/VK-3S34-TP
RZT/VZT-3S32*
REZ/VEZ-3S32*

EBT
SSB1-120/277-3/32 LH
SSB1-120/277-3/40 LH

GE
G3-RL-T8-1LL-120/277
G3-RN-T8-10C-120/277
G3-RN-T8-1LL-120/277
G3-RN-T12-1LL-120/277

LUTRON
ECO-TB32-120/277-3*
FDB-4827-120/277-3*

MOTOROLA
M3-RL-T8-1LL-A-120/277
M3-RN-T12-1LL-B-120/277
M3-RN-T8-1LL-A-120/277
ONE LAMP INSTANT START BALLAST

SWITCHED OR UNSWITCHED LINE

1. SELECT PROPER VOLTAGE
   LEAD. CAP UNUSED LEAD.

2. DO NOT MATE CONNECTOR UNTIL
   INSTALLATION IS COMPLETE AND
   AC POWER IS SUPPLIED.

3. CONNECT BLU/WHT AND RED/WHT
   WIRES TOGETHER

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ADVANCE
CRN/VCN-1P32
REL/VEL-1P32-RH-TP
REL/VEL-1P32-SC

EBT
ECG-120/277-1/32 PI
SSB2-120/277-1/32 IS RH

GE
G1-IN-T8-120/277

GOLDSTAR
GB 1x32/FL/I/120-277
GB 1x32/FL/I/120L-277L

HOWARD
E1/321S-120/277
EC1/321S-120/277
ECL1/321S-120/277
EL1/321S-120/277

KINGTEC
132K120-IS/277-IS

MAGNETEK
B132120/277HP
B132120/277RH

MOTOROLA
M1-IN-T8-1LL-D-120/277
M1-IN-T8-D-120/277
M1-IN-T8-GP-D-120/277
TWO LAMP INSTANT START BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Connect BLU/WHT and RED/WHT wires together.

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

①

SWITCHED OR UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE
COMMON

②

③

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
TWO LAMP INSTANT START BALLAST

A.C. Ballast

UNSWITCHED OR UNSWITCHED LINE

COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

LPTS / CHARGE INDICATOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

- Switched or Unswitched Line
- Common
- White (277V)
- Black (120V)
- Red
- Yellow
- Blue

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

UNSWITCHED SWITCHED OR UNSWITCHED LINE

ORG (277V) BLK (120V)

COMMON

A.C. Ballast

LAMPS / CHARGE INDICATOR

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

EMERGENCY BALLAST

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
ONE LAMP BIAx

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Connect BLU/WHT and RED/WHT wires together.
4. Cap unused lead.

*AC / EMERGENCY
ONE BIAx LAMP RAPID START BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

➀ ➁ ➁ ➁ ➁

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

1BXLRSB

ADVANCE
R/V-1BP27-TP
R/V-1BP39-TP
R/V-1BP40-TP

MOTOROLA
M1-RL-T8-1LL-A-120/277
M1-RL-T8-050-D-120
M1-RN-T12-1LL-B-120/277
M1-RN-T8-10C-B-120/277
M1-RV-T8-001-B-120

EMERGENCY BALLAST
LPTS/CHARGE INDICATOR
COMMON

AC Ballast

*AC/EMERGENCY
ONE BIAX LAMP RAPID START BALLAST

SWITCHED OR UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE
BLUE
BLUE/WHITE
RED/WHITE
RED
YELLOW
UNIT CONNECTOR
LPTS/CHARGE INDICATOR
COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

1) DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

EMU BALLAST

A.C. Ballast

DIMMED HOT
BLACK
WHITE
RED
YELLOW
*LAMP

*LAMP / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SWITCHED OR UNSWITCHED LINE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

➀
➁

TWO BIAx LAMP RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

COMM/

COMMON

BLK (120V)

WHITE

BLUE

RED

YELLOW

BXLRSB_DM

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ADVANCE
R/V-2BS27-TP
R/V-2BS39-TP
R/V-2BS40-TP

EBT
SSB1-120/277-2/39 TT LH
SSB1-120/277-2/40 TT LH /-(75%)

GE
G2-RN-T5/40-1LL-120/277

LUTRON
ECO-T540-120/277-2

MOTOROLA
M2-RN-T5/40-1LL-B-120/277
M2-RH-T8-1LL-B-120/277
M2-RL-T8-1LL-A-120/277
M2-RN-T12-1LL-B-120/277
M2-RN-T8-10C-B-120/277
M2-RN-T8-1LL-D-120/277

GE
FOUR LAMP RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

1. UNSWITCHED

2. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ADVANCE

GE

4LRSB

C13
TWO BIAx LAMP INSTANT START BALLAST

SELECT PROPER VOLTAGE LEAD CAP UNUSED LEAD. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED. CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER.

MAGNETEK
B232120/277HP
B232120/277RH

MOTOROLA
M2-IL-T8-GP-120/277
M2-IN-T8-D-120/277
M2-IN-T8-1LL-D-120/277
M2-IN-T8-GP-120/277

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO LAMP BALLAST

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

BLACK WHITE BLUE RED YELLOW BLUE/WHT RED/WHT

LAMP UNIT CONNECTOR LPTS/CHARGE INDICATOR

YELLOW EMERGENCY BALLAST

COMMON

*AC / EMERGENCY

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

UNSWITCHED LINE

ORG (277V)

BLK (120V) WHITE

COMMON

2LMB
ONE LAMP MAGNETIC BALLAST

1LMB

- Select proper voltage lead, cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
- Connect BLU/WHT and RED/WHT wires together.

A.C. Ballast

EMERGENCY BALLAST

CHARGE INDICATOR/LPTS COMMON

*AC/EMERGENCY
TWO LAMP RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

1. UNSWITCHED
2. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
ONE LAMP CIRCLINE RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

*LAMP

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

SWITCHED OR UNSWITCHED LINE

① UNSWITCHED

COMMON

LPTS/CHARGE INDICATOR

② UNIT CONNECTOR

*AC / EMERGENCY

COMMON

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK ADVANCE
TWO LAMP CIRCLINE RAPID START BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

A.C. Ballast

LAMPS

*AC / EMERGENCY BALLAST

1. SWIT TO MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMPS

*AC / EMERGENCY
ONE LAMP LAG BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.

A.C. Ballast

LPTS/Charge Indicator

Common

EMERGENCY BALLAST

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*Dimming control wires are not affected by EM pack.
ONE LAMP PRE-HEAT START BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.

A.C. Ballast

*Lamp

PFC Capacitor

LPTS / Charge Indicator

Common

SWITCHED OR UNSWITCHED LINE

ORG. (277V) BLK (120V)

BLUE WHITE RED WHITE RED YELLOW

COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
UNSWITCHED OR UNSWITCHED LINE

COMMON

ORG (277V)
BLK (120V)
WHITE

LAMP

*AC / EMERGENCY

BLACK
WHITE
BLUE
RED
BLUE
RED
YELLOW

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

➀
➂
➁

A.C. Ballast

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

EMERGENCY BALLAST

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED. *DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
ONE LAMP EMERGENCY ONLY

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

*AC / EMERGENCY

*LAMP
ONE LAMP TRIAD BALLAST

SWITCHED OR UNSWITCHED LINE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

SWITCHED OR UNSWITCHED LINE

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ORG (277V)
BLK (120V)
WHITE
BLUE
YELLOW
BLUE/WHT
RED/WHT
RED
BLUE
BUILD
WHITE
LAMP
LAMP
LAMP
BLU/WHT
RED/WHT
RED
BLUE
COMMON
COMMON

*A. C. BALLAST
*LAMP
LPTS / CHARGE INDICATOR

ADVANCE
VCN 3P32

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

THREE LAMP INSTANT START BALLAST
THREE LAMP RAPID START BALLAST

A.C. Ballast

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.

- Black (120V)
- White (220V)
- Blue (220V)
- Blue/WHT
- Red (220V)
- Red/WHT
- Yellow (220V)
- White (220V)
- Common

LPTS/Charge Indicator

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALATION IS COMPLETE AND AC POWER IS SUPPLIED.

*AC / EMERGENCY
THREE LAMP RAPID START BALLAST

1. Select proper voltage lead, cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.

INSTALLATION INSTRUCTIONS:

- Connect the black (120V) lead to the ORG (277V) line.
- Connect the white lead to the BLK (120V) line.
- Connect the red lead to the RED (277V) line.
- Connect the yellow lead to the YEL (277V) line.
- Connect the blue lead to the BLU (120V) line.
- Connect the blue/white lead to the BLU/WHT (120V) line.
- Connect the red/white lead to the RED/WHT (120V) line.

EMERGENCY BALLAST

UNIT CONNECTOR

Lmts. Charge Indicator

COMMON

AC / EMERGENCY

A.C. Ballast

Lamp

Lamp

Lamp

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
FOUR LAMP RAPID START BALLAST

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
TWO LAMP RAPID START BALLAST WITH RELAY

SWITCHED OR UNSWITCHED LINE

BLK (120V) WHITE

A.C. BALLAST

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

② UNIT CONNECTOR

COMMON

BLACK WHITE BLUE BLUE/WHT RED/WHIT RED

YELLOW YELLOW RED/WHIT WHITE

RELAY

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ADVANCE
RI/C/VC-2S32
REZ/VEZ-2S32
RZT/VZT-2S32*

LUTRON
ECO-T832-120/277-2*
FDB-4527-120/277-2*

MAGNETEK
B232 R277 HP

MOTOROLA
M2-RH-T8-1LL-B-120/277
M2-RL-T8-1LL-A-120/277
M2-RN-T12-1LL-B-120/277
M2-RN-T8-10C-B-120/277
M2-RN-T8-1LL-D-120/277
ONE LAMP CIRCLINE INSTANT START BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
ONE LAMP RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

-LPTS/CHARGE INDICATOR

*AC / EMERGENCY

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
THREE LAMP INSTANT START BALLAST

A.C. Ballast

BLACK/ WHT
WHITE
BLACK/ WHT
YELLOW
(Grd)

LAMP
LAMP
*LAMP

EMERGENCY BALLAST

COMMON
COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
ONE LAMP INSTANT START BALLAST WITH RELAY

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

UNIT CONNECTOR

*AC / EMERGENCY

1LISBWR
ONE LAMP RAPID START BALLAST
WITH RELAY

BLK (120V)
UNSWITCHED LINE
SWITCHED OR UNSWITCHED
COMMON
UNSWITCHED

EMERGENCY BALLAST
A.C. Ballast
LPTS/CHARGE INDICATOR
*LAMP
RELAY

UNIT CONNECTOR
YELLOW
WHITE
RED
BLUE
BLACK
RED/WHT
BLUE/WHT
BLUE
WHITE
RED
YELLOW
UNIT CONNECTOR

*AC / EMERGENCY
ONE LAMP INSTANT START FULLHAM BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Connect Blu/Wht and Red/Wht wires together.
4. Cap unused lead.

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

COMMON

*LAMP

*AC / EMERGENCY BALLAST

OR (277V) BLK (120V)

SWITCHED OR UNSWITCHED LINE

COMMON

WHITE

BLACK

RED

YELLOW

BLUE/WHT

RED/WHT

UNIT CONNECTOR

SELECTED LEAD

CAP UNUSED LEAD

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

CAP UNUSED LEAD.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO LAMP SERIES LEAD BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. Ballast

EMERGENCY BALLAST

CHARGE INDICATOR/LPTS

① UNSWITCHED
② UNIT CONNECTOR
③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

 BLACK WHITE
BRN OR YEL
BRN OR YEL

BLU/WHT RED/WHT
RED YELLOW
LAMP
LAMP

COMMON

SWITCHED OR UNSWITCHED LINE

BLK (120V) WHITE
ORG (277V)

* AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
TWO LAMP RAPID START BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
TWO LAMP INSTANT START BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Connect Blu/Wht and Red/Wht wires together.

*AC / EMERGENCY
THREE BIAx RAPID START BALLAST

- Select proper voltage lead, cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.

➀➁➂

A.C. BALLAST

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

COMMON

SWITCHED OR UNSWITCHED LINE

ORG (277V)

BLK (120V)

WHITE

BLUE

RED

YELLOW

BLACK

WHITE

*AC / EMERGENCY

BLACK

WHITE

BLUE

RED/WHT

RED/WHT

RED/WHT

RED/WHT

RED/WHT

RED/WHT

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SWITCHED OR UNSWITCHED LINE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DONOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
ONE LAMP RAPID START BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ALL COMPARABLE BALLASTS MAY NOT BE LISTED.
DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SWITCHED OR UNSWITCHED LINE

COMMON

ORG (277V) BLK (120V)

WHITE

LAMP

*AC / EMERGENCY

BLACK

RED

YELLOW

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

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A.C. Ballast

EMERGENCY BALLAST

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SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
TWO BIAx LAMP INSTANT START FULLHAM BALLAST

SWITCHED OR UNSWITCHED LINE

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

COMMON

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
SWITCHED OR
UNSWITCHED
LINE

A.C. Ballast

UNSWITCHED
COMMON
COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*LAMP

LPTS / CHARGE INDICATOR

ONE LAMP INSTANT START BALLAST

SWITCHED OR
UNSWITCHED
LINE

A.C. Ballast

UNSWITCHED
COMMON
COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*LAMP

LPTS / CHARGE INDICATOR

ONE LAMP INSTANT START BALLAST

SWITCHED OR
UNSWITCHED
LINE

A.C. Ballast

UNSWITCHED
COMMON
COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*LAMP

LPTS / CHARGE INDICATOR

ONE LAMP INSTANT START BALLAST
UNSWITCHED OR SWITCHED LINE

ORG (277V) BLK (120V) WHITE LAMP

AC / EMERGENCY BLACK WHITE RED BLUE

BLUE/WHT RED/WHT WIRES TOGETHER

BROWN TWO LAMP SERIES LEAD BALLAST

A.C. Ballast

EMERGENCY BALLAST

CHARGE INDICATOR/LPT CONNECTOR

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
TWO LAMP SERIES LEAD BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
TWO U-BENT LAMP INSTANT START BALLAST

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

LPT/CHARGE INDICATOR

EMERGENCY BALLAST

COMMON

SWITCHED OR UNSWITCHED LINE

ORG. (277V)

BLK (120V)

WHITE COMMON

WHITE RED BLUE/WHT

RED/WHT BLUE/WHT

RED BLUE/YELLOW

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER

AC / EMERGENCY
TWO BIA X RAPID START

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

① SWITCHED OR UNSWITCHED LINE
① UNSWITCHED
COMMON

A.C. Ballast
YELLOW
YELLOW

EMERGENCY BALLAST
ORG (277V)
BLK (120V)
WHITE

COMMON

① UNIT CONNECTOR
① UNIT CONNECTOR

LPTS / CHARGE INDICATOR

*LAMP

*LAMP

*AC / EMERGENCY
ONE LAMP INSTANT START FULLHAM BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
SWITCHED OR UNSWITCHED LINE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

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UNIT CONNECTOR

LPTS / CHARGE INDICATOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED. *DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
ONE LAMP RAPID START BALLAST WITH TEST SWITCH

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
FULLHAM WORKHORSE BALLAST
WITH TWO CIRCLINE LAMPS

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

*A.C. / EMERGENCY
TWO LAMP RAPID START BALLAST WITH TEST SWITCH

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.

A.C. Ballast

*AC / EMERGENCY
A.C. Ballast

LAMPS / CHARGE INDICATOR

COMMON

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

SWITCHED OR UNSWITCHED LINE

WHITE COMMON

ORG (277V)

BLK (120V)

2LRSB4

TWO LAMP RAPID START BALLAST

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
ONE LAMP INSTANT START BALLAST
WITH 347V CONVERTER

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

C58
ONE LAMP CIRCLINE RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

*AC / EMERGENCY

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
ONE LAMP CIRCLINE RAPID START BALLAST

A.C. Ballast

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS/CHARGE INDICATOR

COMMON

*LAMP

AC / EMERGENCY

SWITCHED OR UNSWITCHED LINE

ORG. (277V) BLK (120V)

WHITE  RED YEL

BLUE  BLUE/WHT  RED/WHT  RED

BLACK  WHITE BLUE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

➀ ➁
UNSWITCHED
SWITCHED OR
UNSWITCHED
LINE
ORG (277V)
BLK (120V)
WHITE
*LAMP
*AC / EMERGENCY
BLACK
WHITE
RED
RED
YELLOW
BLUE
BLUE/WHT
RED/WHT
RED
YELLOW
UNIT
CONNECTOR
LPTS / CHARGE
INDICATOR
COMMON
➁
➀
➂
➀
➁
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➀
➁
➂
➀
➁
➂
AC / EMERGENCY
ALL Compatible Ballasts May Not Be Listed
* Dimming Control Wires Are Not Affected by EM Pack
TWO LAMP RAPID START BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
ONE LAMP RAPID START BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
FULLHAM WORKHORSE BALLAST

1. Select proper voltage lead: Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Cap unused leads.

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

COMMON

SWITCHED OR UNSWITCHED LINE

ORG (277V)

BLK (120V)

WHITE

COMMON

BLUE/WHITE

RED/WHITE

RED

YELLOW

UNIT CONNECTOR

LAMPS

*AC / EMERGENCY

FULLHAM WORKHORSE 5

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.