HOW TO USE THE EMERGENCY BALLAST WIRING GUIDE

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.
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ONE LAMP MAGNETIC BALLAST

UNIT CONNECTOR
CHARGE INDICATOR
TEST SWITCH

WHITE
RED +
WHT/BLK
FLEX BFLEX A
BLK (120V)
ORG (277V)
WHITE
WHT/BLK
BLUE/WHT
BLUE
YELLOW
BLUE/BLACK

UNSWITCHED LINE
COMMON
SWITCHED OR
UNSWITCHED LINE

A.C. BALLAST

EMERGENCY BALLAST

TEST SWITCH
WHITE
WHT/BLK
RED +
WHT/RED
WHT/BLK
WHT/BLK
UNIT CONNECTOR
FLEX B

FLEX A

①
BLK (120V)
WHT/BLK
WHITE
WHT/RED
②

ADVANCE
L/VL-189-TP
VL-1Q18-TP
VL-1Q26-TP

* LAMP

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
ONE LAMP HIGH POWER FACTOR MAGNETIC BALLAST

UNSWITCHED LINE

BLK (120V)

ORG (277V)

COMMON

WHITE

WHT/BLK

WHT/RED

WHT/BLK

FLEX A

A.C. BALLAST

WHITE

BLACK

SWITCHED OR UNSWITCHED LINE

BLUE/WHT

BLUE

YELLOW

YEL/BLK

UNSWITCHED LINE

WHITE

WHT/BLK

RED +

WHT/RED

CHARGE INDICATOR

TEST SWITCH

EMERGENCY BALLAST

WHT/BLK

WHT/BLK

UNIT CONNECTOR

*LAMP

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE LAMPS ARE MARKED WITH THE LPFMB INDICATION.
ONE LAMP ELECTRONIC BALLAST

UNSWITCHED LINE

COMMON

WHITE

WHT/BLK

WHT/BLK

WHT/RED

WHT/BLK

BLUE

BLUE/WHT

BLUE

YEL/BLK

YELLOW

*LAMP

FLEX A

EMERGENCY BALLAST

TEST SWITCH

WHITE

WHT/BLK

RED +

WHT/RED

WHT/BLK

WHT/BLK

UNIT CONNECTOR

SWITCHED OR UNSWITCHED LINE

COM: 1

BLK (120V)

ORG (277V)
TWO LAMP PARALLEL MAGNETIC BALLAST

UNSWITCHED LINE

COMMON

BLACK (120V)

WHITE

BLUE/BLACK

YELLOW

BLUE

YEL/BLK

WHT/RED

WHT/BLK

WHT/BLK

FLEX A

FLEX B

TEST SWITCH

WHITE +

RED +

CHARGE INDICATOR

UNIT CONNECTOR

EMERGENCY BALLAST

EMERGENCY BALLAST

A.C. BALLAST

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

ADVANCE

H-289-TP

VH-2Q18-TP

VH-2Q26-TP

2LPMB
TWO LAMP SERIES MAGNETIC BALLAST

UNSWITCHED LINE
COMMON
BLACK
SWITCHED OR UNSWITCHED LINE

A.C. BALLAST

BLK (120V)
ORG (277V)

EMERGENCY BALLAST

WHITE
WHT/BLK
WHITE
WHT/BLK

BLUE
BLUE/WHT
YELLOW
YELLOW

FLEX A

LAMP
LAMP

*AC/EMERGENCY LAMP

WHT/RED
WHT/BLK

WHT/BLK
WHT/BLK

TEST SWITCH
CHARGE INDICATOR
UNIT CONNECTOR

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

A.C. BALLAST

UNSWITCHED LINE

COMMON

WHITE
BLACK
SWITCHED OR UNSWITCHED LINE

BLK (120V)

ORG (277V)

WHITE
WHT/BLK

WHT/RED

BLUE/WHT

BLUE

YELLOW

YEL/BLK

FLEX A

LAMP

*LAMP

RED

*AC/EMERGENCY LAMP

FLEX B

UNIT CONNECTOR

TEST SWITCH

EMERGENCY BALLAST

WHITE
WHT/BLK

RED +
WHT/RED

CHARGE INDICATOR

WHT/BLK

WHT/BLK

2LSHPFMB
TWO NORMAL POWER FACTOR MAGNETIC BALLAST

UNSWITCHED LINE

COMMON

SWITCHED OR UNSWITCHED LINE

A.C. BALLAST #1

BLK (120V) ① ORG (277V) WHITE

WHT/BLK

BLUE/WHT

BLUE

YELLOW

YEL/BLK

FLEX A

A.C. BALLAST #2

BLACK

BLUE

BLACK

BLUE

LAMP

*LAMP

EMERGENCY BALLAST

TEST SWITCH WHITE

WHT/BLK

RED +

WHT/RED

CHARGE INDICATOR

WHT/BLK

WHT/BLK ② UNIT CONNECTOR

FLEX B

*AC/EMERGENCY LAMP
TWO HIGH POWER FACTOR MAGNETIC BALLASTS

- UNSWITCHED LINE
- SWITCHED OR UNSWITCHED LINE

EMERGENCY BALLAST

A.C. BALLAST #1
- BLACK
- WHITE

A.C. BALLAST #2
- BLACK
- WHITE

Lamp
- BLUE

*AC/EMERGENCY LAMP

TEST SWITCH
- WHITE +

CHARGE INDICATOR
- RED +

UNIT CONNECTOR
- WHT/BLK
- WHT/RED
- WHT/BK
- FLEX B

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

AC/EMERGENCY LAMP
- BLUE/WHT
- BLUE
- YELLOW
- YEL/BLK
- BLUE
- BLUE
- BLACK
- BLACK

LAMP
- BLUE
- BLUE
- WHITE

2HPFMB
EMERGENCY OPERATION ONLY

UNSWITCHED LINE

COMMON

BLK (120V)

① ORG (277V)

EMERGENCY BALLAST

WHITE

WHT/BLK

WHT/BLK

BLUE/WHT

BLUE

YELLOW

YEL/BLK

FLEX A

*LAMP

TEST SWITCH

WHITE

WHT/BLK

RED +

WHT/RED

WHT/BLK

WHT/BLK

FLEX B

UNIT CONNECTOR
TWO LAMP FULLHAM BALLAST

A.C. BALLAST

UNSWITCHED LINE
COMMON
WHITE
BLACK
SWITCHED OR UNSWITCHED LINE

BLK (120V)
ORG (277V)
WHITE
WHT/BLK
WHT/BLK
WHT/RED
WHT/BLK
FLEX BFLEX A
BLK (120V)
ORG (277V)
WHITE
WHT/BLK
WHT/BLK
WHT/RED
YEL/BLK
FLEX A

LAMP
YELLOW
\*LAMP
YELLOW
\*AC/EMERGENCY LAMP

EMERGENCY BALLAST

WHITE
WHT/BLK
RED +
WHT/RED
CHARGE INDICATOR

TEST SWITCH

WHITE
WHT/BLK
WHT/BLK
UNIT CONNECTOR

FULLHAM WORKHORSE 2
2LFB

TWO LAMP FULLHAM BALLAST

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

➀➁
TWO LAMP RAPID START BALLAST

1. Unit Connector
2. LPTS

A.C. Ballast

LAMP

*AC / EMERGENCY

NO MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
THREE LAMP RAPID START BALLAST

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

➀ A.C. BALLAST

➁ UNIT CONNECTOR

➁ VIOLET

➁ VIOLET

➀ LPTS

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE
ONE LAMP INSTANT START BALLAST

**A.C. Ballast**

**UNSWITCHED**

**SWITCHED OR UNSWITCHED**

**BLK/ORG (120/277V)**

**WHITE**

**BLACK**

**WHITE**

**BLUE**

**BLUE/WHT**

**RED**

**RED/WHT**

**YELLOW**

**COMMON**

➀

➁

➂

➀

➁

➂

A.C. BALLAST

NO MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
TWO LAMP INSTANT START BALLAST

SWITCHED OR UNSWITCHED LINE

BLK/ORG (120/277V)

COMMON

BLK/ORG

WHITE

*LAMP

AC / EMERGENCY

➀

A.C. Ballast

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

➀

➁

➂

VIOLET

VIOLET

LPTS

**AC / EMERGENCY

COMMON

*A.C. / EMERGENCY

EMERGENCY BALLAST
TWO LAMP INSTANT START BALLAST

1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. Ballast

EMERGENCY BALLAST

UNIT CONNECTOR

BLUES/BLWHT RED/WHT

BLK/ORG (120/277V) WHITE

COMMON

BLUE WHITE RED BLACK

VIOLET VIOLET

LPF5

AC / EMERGENCY
THREE LAMP INSTANT START BALLAST

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

➀ A.C. Ballast
➁ UNIT CONNECTOR
➂ EMERGENCY BALLAST

① DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
② LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
FOUR LAMP INSTANT START BALLAST

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

2. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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

- SWITZED OR UNSWITCHED LINE
- BLK/ORG (120/277V)
- WHITE
- LAMP
- LAMP
- LAMP
- *LAMP

A.C. Ballast

- BLUE
- BLUE/WHT
- RED/WHT
- RED
- YELLOW
- YELLOW
- BLUE/WHT
- BLACK/BRN

*AC / EMERGENCY
W/TWO LAMP EMERGENCY OPERATION

A.C. Ballast

BLACK
WHITE
BLUE/WHITE
RED/WHITE
YELLOW

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

➀ A.C. Ballast
➁ UNIT CONNECTOR
➂ EMERGENCY BALLAST

LPTS

*AC / EMERGENCY

COMMON

SWITCHED OR UNSWITCHED LINE
TWO LAMP INSTANT START BALLAST
W/TWO LAMP EMERGENCY OPERATION

1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. BALLAST

*AC / EMERGENCY LAMPS

CONNECT BLK/ORG (120/277V)

WHITE

BLK/ORG (120/277V)

COMMON

SWITCHED OR UNSWITCHED LINE

BLACK

WHITE

BLUE

RED

YELLOW

* LAMP

Ballsast

TWO LAMP INSTANT START BALLAST
W/TWO LAMP EMERGENCY OPERATION

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
ONE LAMP RAPID START BALLAST

LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.

¹ LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
² DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST
WITH ONE LAMP EMERGENCY OPERATION

UNSWITCHED LINE
SWITCHED OR UNSWITCHED LINE
COMMON
BLK/OR (120/277V)
BLACK
WHITE
FLEX A
BLK/ORG (120/277V)
BLACK
WHITE
FLEX B
RED (+)
WHT/RED
LPTS
VIOLET
VIOLET
WHT/BLK
WHT/BLK
➀
➁

TWO LAMP A.C. BALLAST
BLACK
BLUE
BLUE
RED
RED
YEL
YEL
LAMP
LAMP
*A.C./EMERGENCY LAMP

1. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST
WITH TWO LAMP EMERGENCY OPERATION

1. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
ONE LAMP RAPID START BALLAST

1. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.

2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST WITH MICROPROCESSOR
ONE LAMP EMERGENCY OPERATION

**Lamp Selector Leads, Refer to Installation Instructions for Proper Application.**

**Do Not Mate Connector Until Installation Is Complete and A.C. Power Is Supplied.**
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.

TWO LAMP RAPID START BALLAST
WITH TWO LAMP EMERGENCY OPERATION

LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
TWO LAMP RAPID START BALLAST WITHOUT MICROPROCESSOR
ONE LAMP EMERGENCY OPERATION

UNSWITCHED LINE
SWITCHED OR
UNSWITCHED LINE
COMMON

BLK/ORG (120/277V)
BLACK
WHITE

FLEX A
FLEX B
RED (+)
WHT/RED
LPTS
VIOLET
VIOLET
WHT/BLK
WHT/BLK

① LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. 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.
THREE 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
ONE LAMP INSTANT START BALLAST

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

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.

SWITCHED OR UNSWITCHED LINE

COMMON

B132120/277HP
B132120/277RH

M1-IN-T8-1LL-D-120/277
M1-IN-T8-D-120/277
M1-IN-T8-GP-D-120/277

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

EBT
ECG-120/277-1/32 PI
SS2-120/277-1/32 IS LH

GE
G1-IN-T8-120/277

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

HOWARD
E1/32S-120/277
EC1/32S-120/277
ECL1/32S-120/277
EL1/32S-120/277

KINGTEC
132K120-127-1S

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

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*AC/EMERGENCY
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 BLUE/WHITE AND RED/WHITE WIRES TOGETHER.

A.C. BALLAST

*AC/EMERGENCY LAMP

LPTS/CHARGE INDICATOR

COMMON
SWITCHED OR UNSWITCHED LINE

SWITCHED OR UNSWITCHED LINE

COMMON

ORG (277V)

BLK (120V)

WHITE

LAMP

*A.C.

Ballast

UNIT CONNECTOR

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.

➂ 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
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.

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 blue/wht and red/wht wires together.

THREE LAMP INSTANT START BALLAST

A.C. Ballast

L.E.P.T.S./CHARGE INDICATOR

- AC / EMERGENCY

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

ADVERTISE
- RON/VCN-3P32
- REL/VEL-3P32-RH-TP
- REL/VEL-3P32-LW-RH-TP

EBT
- SSB2-120/277-3/32 IS LH

GOLDSTAR
- GB 3x32/FL/I/120-277
- GB 3x32/FL/I/120L-277L

HOWARD
- E3/321S-120/277
- EC/321S-120/277
- EC/321S-120/277
- EL/321S-120/277

MAGNETEK
- B332I120/277RH
- B332I120/277HP

MOTOROLA
- M3-IL-T8-GP-A-120/277
- M3-IN-T8-A-120/277
- M3-IN-T8-D-120/277
- M3-IN-T8-GP-A-120/277
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)

WHITE

LAMP LAMP LAMP

* LAMP

*LAMP

A.C. Ballast

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 blue/white and red/white wires together.

Connect LPTS/charge indicator common.

Connect emergency ballast blue cap unused lead.

Do not remove blue/white wire from emergency ballast.

Dimming control wires are not affected by EM pack.

All compatible ballasts may not be listed.
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.
ONE BIAX 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.
TWO BIAx LAMP RAPID START BALLAST

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.

A.C. Ballast

LAMP

EMERGENCY BALLAST

① Unswitched

SWITCHED OR UNSWITCHED LINE

② Unit Connector

LPTS / CHARGE INDICATOR

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

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

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

COMMON

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.
ONE LAMP MAGNETIC BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

1. UNSWITCHED OR UNSWITCHED LINE
2. UNSWITCHED LINE
3. BLUE/WHT AND RED/WHT WIRES TOGETHER

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

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
UNSWITCHED OR UNSWITCHED LINE

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

*LAMP - AC / EMERGENCY

A.C. Ballast

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

① UNIT CONNECTOR

② UNIT CONNECTOR

LPTS / CHARGE INDICATOR

*AC / EMERGENCY

TWO LAMP RAPID START BALLAST

MAGNETEK
BTS-228/120
BTS-228/277

SILVANIA
QT2X54PHO/120PHO
QT2X54PHO/277PHO

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

LAMPS

COMMON

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY

ADVANCE

RLQS-140-TP
RLQS-122-TP
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

LAMP

*LAMP

Lamps

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

ORG (277V)

BLK (120V)

WHITE

COMMON

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
SWITCHED OR UNSWITCHED LINE

Common

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

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

➀
➁
➁

A.C. Ballast

DISCONNECT LAMP HOLDER

*AC / EMERGENCY

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

ADVANCE
RL-140-TP
MAGNETEK
543-B
ONE LAMP PRE-HEAT 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

➀

A.C. Ballast

PFC CAPACITOR

LPTS / CHARGE INDICATOR

* LAMPS

* AC / EMERGENCY
SWITCHED OR UNSWITCHED LINE

COMMON

ORG (277V) BLK (120V)

WHITE LAMP

*LAMP

AC / EMERGENCY

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 BALLAST

LPTS / CHARGE INDICATOR

A.C. Ballast

ENGLISH SAVINGS TWO LAMP INSTANT START BALLAST

2ESLISB2

ENERGY SAVINGS


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.

CAP OFF LEADS

*LAMP

*AC / EMERGENCY
ONE LAMP TRIAD BALLAST

SWITCHED OR UNSWITCHED LINE

COMMON

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

A.C. BALLAST

EMERGENCY 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

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
FULHAM WORKHORSE BALLAST

FULLHAM EMERGENCY BALLAST

A.C. Ballast

LAMPS

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

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

BLK (120V)

ORG (277V)

WHITE

YELLOW

BLUE/WHT

RED/WHT

RED

BLUE

UNIT CONNECTOR

LPTS/CHARGE INDICATOR

*AC/EMERGENCY

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

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

A.C. Ballast

Lamps

- Lamp

EMERGENCY BALLAST

COMMON

LPTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

BLK (120V)

ORG (277V)

WHITE

RED

YELLOW

BLUE/WHT

RED/WHT

*AC / EMERGENCY

3LRSB2
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.

**Connectors**
- **Lamps/Charge Indicator**
- **Common**

**Cables**
- **BLUE**
- **RED**
- **YELLOW**
- **WHITE**
- **BLUE/WHT**
- **RED/WHT**

**Magnetek**

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK*

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
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.

A.C. Ballast

*AC / EMERGENCY

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

COMMON

① UNSWITCHED ORIGIN (277V)

② UNIT CONNECTOR

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

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMGING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
TWO LAMP RAPID START BALLAST WITH RELAY

2LRSBWR

SWITCHED OR UNSWITCHED LINE

BLK (120V) WHITE

A.C. Ballast

EMERGENCY BALLAST

① UNIT CONNECTOR

LPTS / CHARGE INDICATOR

RELAY

*AC / EMERGENCY

COMMON

BLACK WHITE BLUE/YELLOW RED/RED/YELLOW

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

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

LUTRON
ECO-T832-120/277-2*
FDB-4827-120/277-2*

MAGNETEK
B232 R277 HP

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

A.C. Ballast

EMERGENCY BALLAST

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

*AC / EMERGENCY

① SWITCHED OR UNSWITCHED LINE
① UNSWITCHED

COMMON

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.

- A.C. Ballast
- EMERGENCY BALLAST
- LPTS/CHARGE INDICATOR

LED RAPID START BALLAST

*AC / EMERGENCY
TWO LAMP RAPID START BALLAST

SWITCHED OR UNSWITCHED LINE

A.C. Ballast

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

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

*AC / EMERGENCY
THREE LAMP INSTANT START BALLAST

1. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
2. UNIT CONNECTOR
3. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

CONNECTED 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.
ONE LAMP INSTANT START BALLAST WITH RELAY

A.C. Ballast

*AC / EMERGENCY

LPTS / CHARGE INDICATOR

UNIT CONNECTOR

RELAY

YELLOW

WHITE

BLACK

RED

BLUE

BLUE/WHIT

RED/WHIT

BLK (120V)

COMMON

UNSWITCHED LINE

SWITCHED OR UNSWITCHED

UNSWITCHED

COMMON

WHITE

YELLOW

RED

BLUE

BLK (120V)
ONE LAMP RAPID START BALLAST WITH RELAY

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

* LAMP

RELAY

COMMON

BLACK

WHITE

RED

YELLOW

BLUE

RED/WHT

YELLOW/WHITE

RELAY

COMMON

BLK (120V)

SWITCHED OR UNSWITCHED LINE

UNSLOWITCHED

COMMON

*AC/EMERGENCY
ONE LAMP INSTANT START FULLHAM 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.
③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
④ CAP UNUSED LEAD

*LAMP

COMMON

*AC / EMERGENCY

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

BLACK
WHITE
YELLOW

RED
RED
RED
RED

BLUE/WHITE/WHITE
RED/WHT
RED
RED

BLUE

COMMON

LPTS / CHARGE INDICATOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

FULLHAM WORKHORSE IV
TWO LAMP SERIES LEAD BALLAST

SWITCHED OR UNSWITCHED LINE

A.C. Ballast

EMERGENCY 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

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

SWITCHED OR UNSWITCHED LINE

COMMON

ORG. (277V)

BLK (120V)

WHITE

LAMP

*A.C. / EMERGENCY

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
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

LAMP

*LAMP

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

UNIT CONNECTOR

SWITCHED OR UNSWITCHED LINE

COMMON

ORG (277V)

BLK (120V)

WHITE

YELLOW

RED/WHT

RED

BLU/WHT

BLUE/WHT

BLUE

WHITE

BLACK

*AC / EMERGENCY

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.

- BLACK
- BLUE
- BLUE/WHT
- RED/WHT
- RED
- YELLOW
- COMMON
- *LAMP
- *AC / EMERGENCY
- ORG (277V)
- BLK (120V)
- WHITE
- COMMON
- EMERGENCY BALLAST
- ADVANCE LC-14-20-C
- ONE LAMP PRE-HEAT START BALLAST
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.

① Switched or unswitched line.
② Do not charge indicator.

- A.C. Ballast
  - RED/WHITE
  - RED/WHITE
  - BLUE/WHITE

- Lamps
  - RED
  - WHITE

- EMERGENCY BALLAST
  - RED
  - WHITE

- B340-R120 HP
- B340-R277 HP

All compatible ballasts may not be listed. *Dimming control wires are not affected by EM Pack.
TWO LAMP RAPID START BALLAST

A.C. Ballast

1. RED/BLU
   2. RED
   3. BLUE
   4. YELLOW
   5. YELLOW
   6. BROWN
   7. BROWN

*AC / EMERGENCY

EMERGENCY BALLAST

1. RED
2. RED/WHT
3. YELLOW
4. BLUE
5. BLUE/WHT

COMMON

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

UNSWITCHED (277V)

BLK (120V)

WHITE

COMMON

LPTS / CHARGE INDICATOR

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

UNSWITCHED OR

COMMON

ORG (277V)
BLK (120V)
WHITE
LAMP
* LAMP
AC / EMERGENCY

BLACK
WHITE
RED
YELLOW
BLUE
BLUE/WHT
RED/WHT
RED
YELLOW
UNIT CONNECTOR
LPTS / CHARGE INDICATOR

A.C. BALLAST
EMERGENCY 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.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO BIAX 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 blue/wht and red/wht wires together.

*LAMP
*AC / EMERGENCY
ONE 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 BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. Ballast

*AC / EMERGENCY
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
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.
TWO BIAX RAPID START

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
ONE LAMP INSTANT START FULLHAM BALLAST

A.C. 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.

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

COMMON

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

SWITCHED OR UNSWITCHED LINE

COMMON ORG (277V) BLK (120V)

WHITE BLUE RED

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

COMMON

➀  select proper voltage lead. cap unused lead. 
① do not mate connector until installation is complete and ac power is supplied.

➁

A.C. BALLAST

LAMP

FULLHAM WORKHORSE 5

FW5B

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

C53
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.
FULLHAMP WORKHORSE 5

FULLHAMP WORKHORSE BALLAST WITH TWO CIRCLINE LAMPS

A.C. Ballast

EMERGENCY BALLAST

LAMPS/CHARGE INDICATOR

COMMON

SWITCHED OR UNSWITCHED LINE

ORG (277V)

BLK (120V)

WHITE

RED

YELLOW

UNIT CONNECTOR

LPTS/CHARGE INDICATOR

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

FULLHAM WORKHORSE 5
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.
ONE LAMP INSTANT START BALLAST
WITH 347V CONVERTER

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

*AC / EMERGENCY

* Lamp

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

347 VOLT CONVERTER

UNSUITED

SWITCHED OR UNSWITCHED LINE

BLK (120V)

WHITE

COMMON

BLK (120V)

WHITE

COMMON

ORG (277V)
ONE LAMP CIRCLINE RAPID START BALLAST

**A.C. Ballast**
- BLACK
- WHITE
- RED
- RED
- BLUE
- BLUE/WHT
- YELLOW
- RED/WHT
- RED
- YELLOW

**EMERGENCY BALLAST**
- ORG (277V)
- BLK (120V)
- WHITE
- COMMON

**LAMP**
- LPTS/CHARGE INDICATOR
- UNIT CONNECTOR

**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

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

➀

➁

➁
TWO LAMP RAPID START BALLAST

SWITCHED OR UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE

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

EMERGENCY BALLAST
RED
YELLOW
BLUE
RED/WHIT
YELLOW/WHITE
BLUE/WHITE

A.C. Ballast

LPTS / CHARGE INDICATOR

COMMON

*AC / EMERGENCY

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

A.C. Ballast

BLACK
WHITE

SWITCHED OR UNSWITCHED LINE

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

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

*AC / EMERGENCY

LAMPS / CHARGE INDICATOR

UNIT CONNECTOR

ONE LAMP RAPID START BALLAST

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY BALLAST.
UNSWITCHED switch or UNSWITCHED LINE

COMMON

ORG (277V)

BLK (120V)

WHITE

RED

BLUE

YELLOW

UNITCONNECTOR

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.

➂ CAP UNUSED LEADS

FULLHAM WORKHORSE BALLAST

A.C. Ballast

LAMP

*LAMP

*AC / EMERGENCY

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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

*AC / EMERGENCY
ONE LAMP RAPID START BALLAST

A.C. Ballast

SWITCHED OR UNSWITCHED LINE

ORG (220/240V) UNSWITCHED

WHITE WHT/BLK COMMON

① UNIT CONNECTOR

② TBTS / CHARGE INDICATOR

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

② LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

* LAMP

*AC / EMERGENCY
TWO LAMP INSTANT START BALLAST

SWITCHED OR UNSWITCHED LINE

ORG (220/240V)

WHITE / BLK

VIOLET

RED (+)

YELLOW

TBTS / CHARGE INDICATOR

COMMON

A.C. Ballast

LAMP

*LAMP

UNIT CONNECTOR

① DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
② LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
TWO LAMP INSTANT START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
3. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

SWITCHED OR UNSWITCHED LINE

ORG (220/240V), WHITE

* LAMP

BLACK WHITE

A.C. Ballast

UNIT CONNECTOR

TBTS / CHARGE INDICATOR

*AC / EMERGENCY

BLUE WHT/BLK

RED (+)

YELLOW
TWO LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

**A.C. Ballast**
- BLACK
- WHITE
- YELLOW
- YELLOW
- BLUE
- BLUE
- RED
- RED
- RED
- YELLOW
- *LAMP
- *LAMP

**Emergency Ballast**
- BLUE
- BLUE/WHT
- RED/WHT
- RED
- YELLOW
- UNIT CONNECTOR
- LPTS / CHARGE INDICATOR
- VIOLET
- VIOLET
- COMMON

**Connector**
- ORG (220/240V)
- UNSWITCHED LINE
- UNSWITCHED
- WHITE
- WHT/BLK

**Instructions**
1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

➀ VIOLET
➁ UNSWITCHED

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

ORG (220/240V)

UNSWITCHED

COMMON

WHT/BLK

WHT/RED

RED (+)

UNIT CONNECTOR

WHIT/RED

VIOLET

COMMON

TBTS / CHARGE INDICATOR

*AC / EMERGENCY

LAMP

*LAMP

AC / EMERGENCY

Ballast

2LRSB220_D
THREE LAMP INSTANT START BALLAST

A.C. Ballast

① DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
② LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

EMERGENCY BALLAST

UNIT CONNECTOR

TBTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE COMMON

ORG (220/240V)

WHITE WHT/BLK

COMMON

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

➀ VIOLET

➁ WHITE

TBTS / CHARGE INDICATOR

UNSWITCHED OR SWITCHED LINE

ORG (220/240V)

WHITE

COMMON

➀ BLACK

WHITE

BLUE

RED

YELLOW

# A.C. Ballast

* AC / EMERGENCY

# BALLAST

# TBTS / CHARGE INDICATOR

# LAMPS

# CONNECTOR

# UNSWITCHED

# SWITCHED OR UNSWITCHED

# ORG (220/240V)

# WHITE

# COMMON

# BLACK

# BLUE

# RED

# YELLOW

# RED

# LAMPS

# CONNECTOR

# UNSWITCHED

# SWITCHED OR UNSWITCHED
FOUR LAMP INSTANT START BALLAST

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

2. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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

*AC / EMERGENCY
ONE LAMP RAPID START BALLAST

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST WITH
ONE LAMP EMERGENCY OPERATION

① SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
② LAMP SELECTOR LEADS, REFER TO INSTALLATION
   INSTRUCTIONS FOR PROPER APPLICATION.
③ DO NOT MATE CONNECTOR UNTIL INSTALLATION
   IS COMPLETE AND A.C. POWER IS SUPPLIED.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
COMMUNICATION WIRES ARE NOT AFFECTED BY
EM PACK.

MOTOROLA

ADVANCE

REL/VEL-2013 RH+TP
M2-CF13-S 120/277
M2-CF18-S 120/277
M2-CF26-S 120/277

REV/VEL-2018 RH+TP
SSSB-120/277-213 LH
SSSB-120/277-218 LH

REV/VEL-2016 RH+TP
SSSB-120/277-226 LH

M2-CF13-S 120/277
M2-CF18-S 120/277
M2-CF26-S 120/277
TWO LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
ONE LAMP RAPID START BALLAST

1. Select proper voltage lead, cap unused lead.

2. Lamp selector leads. Refer to installation instructions for proper application.

3. Do not mate connector until installation is complete and a.c. power is supplied.
TWO LAMP RAPID START BALLAST WITH MICROPROCESSOR
ONE LAMP EMERGENCY OPERATION

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2 LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST

- Select proper voltage lead, cap unused lead.
- Lamp selector leads, refer to installation instructions for proper application.
- Do not mate connector until installation is complete and A.C. power is supplied.
TWO LAMP RAPID START BALLAST WITHOUT MICROPROCESSOR
ONE LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
FOUR COMPACT LAMP FULHAM BALLAST

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. CONNECT BLUE/WHITE AND RED/WHITE LEADS TOGETHER
4. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
ONE LAMP EMERGENCY OPERATION ONLY

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO COMPACT LAMP FULHAM BALLAST
TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. CONNECT BLUE/WHITE AND RED/WHITE LEADS TOGETHER
4. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
ONE LAMP INSTANT START FULLHAM BALLAST

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO COMPACT LAMP FULHAM BALLAST

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD

2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.

3. CONNECT BLUE/WHITE AND RED/WHITE LEADS TOGETHER

4. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP EMERGENCY OPERATION ONLY

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
ONE LAMP INSTANT START BALLAST

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

2. **LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.**

3. **DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.**
TWO LAMP INSTANT START BALLAST

1. Select proper voltage lead, cap unused lead.
2. Lamp selector leads. Refer to installation instructions for proper application.
3. Do not mate connector until installation is complete and A.C. power is supplied.
TWO LAMP RAPID START BALLAST WITH DIMMER
ONE LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS. REFER TO INSTALLATION
   INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION
   IS COMPLETE AND A.C. POWER IS SUPPLIED.
THREE LAMP RAPID START BALLAST WITH ONE LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
THREE LAMP INSTANT START BALLAST

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO LAMP RAPID START BALLAST WITH DIMMER
ONE LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD
2. LAMP SELECTOR LEADS. REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.
3. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
TWO SINGLE LAMP RAPID START BALLASTS

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD

LAMP SELECTOR LEADS, REFER TO INSTALLATION INSTRUCTIONS FOR PROPER APPLICATION.

DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND A.C. POWER IS SUPPLIED.
THREE LAMP INSTANT START BALLAST

1. Select proper voltage lead, cap unused lead.
2. Lamp selector leads, refer to installation instructions for proper application.
3. Do not mate connector until installation is complete and A.C. power is supplied.
4. Cap unused lead.
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.

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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A.C. Ballast

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

ADVANCE
HM/VM-1P30-TP
HM/VMH-1P20-TP
LQ/LQ-106F-TP
R1-P817-TP
R1-P825-TP
R1-P840-TP
R1-140-TP
R1-140P-TP
RC/VC-160-TP
RC/VC-1P40-TP
RC/VCN-1S32
RC/VCN-1S40
REL/VEL-1S40-RH-TP
REZ-132
RIC/VIC-132-TP
RIC/VIC-140-TP
RK/VK-132-TP
RK/VK-134-TP
RS/VS-110-TP
RS/VS-160-TP
RZT/VZT-132*

EBT
EG3-12/277-1/40 SR
SSB1-120/277-1/40 LH

GE
G1-RL-T8-1LL-120/277
G1-RN-T8-10C-120/277
G1-RN-T8-1LL-120/277
G1-RN-T12-1LL-120/277

KINGTEC
132K120/277

LUTRON
ECO-T832-120/277-1*
FDB-4827-120/277-1*

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-RN-T8-1LL-D-120/277
M1-RN-T8-HO-A-120/277
M1-RV-T8-001-B-120
THREE LAMP RAPID START BALLAST

A.C. Ballast

LAMP

*LAMP

LAMP

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

COMMON

① UNSWITCHED

② UNIT CONNECTOR

③ LAMPS / CHARGE INDICATOR

④ SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

⑤ DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

⑥ LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

AC / EMERGENCY

BLK (120V)

ORG (277V)

COMMON

BLUE/WHT

RED/WHT

RED

YELLOW

BLUE

WHITE

BLACK
ONL LAM P N TNST S TAR BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selector leads—refer to installation instructions, lamp operation section for various options.
4. Connect blue/wht and red/wht wires together.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED
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. Lamp selector leads—refer to installation instructions, lamp operation section for various options.

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
DIMMING CONTROL WIRES ARE NOT AFFECTED BY
EM PACK
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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

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

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

SWITCHED OR UNSWITCHED LINE
UNSWITCHED
BLK (120V)
WHITE
ORG (277V)
COMMON

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
④ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

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

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
Select proper voltage lead. Cap unused lead. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

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All compatible ballasts may not be listed.
* Dimming control wires are not affected by EM pack.
TWO LAMP INSTANT START BALLAST WITH TWO LAMP EMERGENCY OPERATION

SWITCHED OR UNSWITCHED LINE

UNSWITCHED

COMMON

WHITE

BLUE

RED

YELLOW

COMMON

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

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ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ADVANCE

PCN/VCN-2P32
REL/VEL-2P17-RH-TP
REL/VEL-2P32-LW-RH-TP
REL/VEL-2P32-RH-TP
REL/VEL-2P32-SC

EBT

EG1-120/277-2/32 PI
SSB2-120/277-2/17 IS LH
SSB2-120/277-2/32 IS LH
SSB2-120/277-2/32 IS MPX LH

GE

G2-IN-T8-120/277

GOLDSTAR

GB 2x32/FL/I/120-277
GB 2x32/FL/I/120L-277L
GB 2x32/FL/I/120HBF-277HBF

HOWARD

E2/321S-120/277
EG/321S-120/277

KINGTEC

232K120-IS/277-IS

MAGNETEK

B232I120/277HP
B232I120/277RH

MOTOROLA

M2-IL-T8-GP-D-120/277
M2-IN-T8-D-120/277
M2-IN-T8-1LL-D-120/277
M2-IN-T8-GP-D-120/277
ONE LAMP BIAX

EMERGENCY 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
CAP UNUSED LEAD

A.C. BALLAST

* LAMP

BLACK RED BLUE WHITEBLUE/WHT RED/WHT YELLOU

SWITCHED OR UNSWITCHED LINE

COMMON

ORG (277V) BLK (120V)

CAP UNUSED LEAD

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

A.C. Ballast

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ADVANCE

EBT

MOTOROLA

Q12

1BXLRSB

Q12
ONE BIAx LAMP RAPID START BALLAST
WITH DIMMING CONTROL

A.C. Ballast

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

Q13
TWO 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.
- Lamp selector leads - refer to installation instructions, lamp operation section for various options.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE LAMP INSTANT START BALLAST WITH TWO LAMP EMERGENCY OPERATION

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
- Lamp selector leads—refer to installation instructions, lamp operation section for various options.
- Connect BLU/WHT and RED/WHT wires together.

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

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

SWITCHED OR UNSWITCHED LINE
THREE LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

COMMON

COMMON

COMMON

COMM

VIOLET

VIOLET

VIOLET

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE LAMP BIAxis INSTANT START

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selector leads - refer to installation instructions, lamp operation section for various options.

*AC / EMERGENCY
FOUR LAMP INSTANT START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

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

*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. LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
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. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

*AC/EMERGENCY

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

2 LAMP INSTANT START BALLAST

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

MAGNETEK
B232I120/277HP
B232I120/277RH

MOTOROLA
M2-IL-T8-1LL-D-120/277
M2-IL-T8-8FT-A-120/277
M2-8GP-A-120/277
M2-IN-T8-1LL-D-120/277
M2-IN-T8-8GP-A-120/277
M2-IN-T8-1LL-D-120/277

SYLVANIA
QT2X40/120DL
TWO LAMP BALLAST

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selector leads—refer to installation instructions, lamps operation section for various options.
ONE LAMP MAGNETIC BALLAST

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
- Lamp selector leads—refer to installation instructions, lamps operation section for various options.
- Connect Blu/Wht and Red/Wht wires together.

Diagram:

- A.C. Ballast
- EMERGENCY BALLAST
- *LAMP
- Charge indicator/LPTS
- Common
- Blue
- Red/Wht
- Yellow
- Blue/Wht
- Red
- ORG (277V)
- BLK (120V)
- WHITE
- COMMON
- SWITCHED OR UNSWITCHED LINE

*AC / EMERGENCY

Legend:

➀➁➂➃
ONE LAMP CIRCLINE RAPID START BALLAST

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

➀➁➂

ADVANCE
RLCS-140-TP
RLQS-122-TP

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

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
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.**
3. **LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.**
ONE LAMP EMERGENCY ONLY

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

CONNECT THE LAMP SELECTOR LEADS
TWO 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.
3. CONNECT THE LAMP SELECTOR LEADS

*CAP OFF LEADS

*AC / EMERGENCY
ONE LAMP TRIAD 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.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

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

③

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
④ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

① CONNECTION
② UNIT CONNECTOR
③ LPTS / CHARGE INDICATOR
④ AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

A.C. Ballast

LAMPS

UNSWITCHED LINE

COMMON

SWITCHED OR UNSWITCHED LINE

BLK (120V)

WHITE

ORG (277V)

WHITE

VIOLET

LPT5 / CHARGE INDICATOR

*AC / EMERGENCY

*LAMP

RED

RED/WHT

YELLOW

BLUE/WHT

BLUE/WHT

BLUE

BLACK

WHITE

COMMON

UNIT CONNECTOR

EMERGENCY BALLAST

3LRSB_2LEO2_80
THREE LAMP RAPID START BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
THREE LAMP RAPID START BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

➀ SWITCHED OR UNSWITCHED LINE
➁ ORG (277V)
➂ BLK (120V)

A.C. Ballast

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

*AC / EMERGENCY

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

A.C. Ballast

*AC / EMERGENCY

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

SWITCHED OR UNSWITCHED LINE

COMMON

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED. DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO BIAX RAPID START

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

*AC / EMERGENCY
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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

*LAMP

UNIT CONNECTOR
LPTS/CHARGE INDICATOR
VIOLET

SWITCHED OR UNSWITCHED LINE

SWITCHED LINE
UNSWITCHED LINE

COMMON

ORG (277V)
BLK (120V)
WHITE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
TWO LAMP RAPID START BALLAST

A.C. Ballast

LAMP

*LAMP

COMMON

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS

COMMON

SWITCHED OR UNSWITCHED LINE

SWITCHED

UNSWITCHED

ORG (277V)

BLK (120V)

WHITE

RED

YELLOW

BLUE

RED/WHT

BLUE/WHT

VIOLET

VIOLET

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

*AC / EMERGENCY
UNSWITCHED OR UNSWITCHED LINE

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

*LAMP *

apelast VIOLET VIOLET

➀ ➁ ➂

TWO LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

➀ ➁ ➂

A.C. BALLAST 1 LAMP 2 LAMP

UNIT CONNECTOR LPTS COMMON

*AC / EMERGENCY
THREE 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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

EMERGENCY BALLAST

LAMPS

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS ARE NOT LISTED.

ENERGY SAVINGS

ES-43-T8-32/25/17-UNV-BIS
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
ONE LAMP RAPID START BALLAST
WITH RELAY

BLK (120V) COMMON
BLUE
BLUE/WHIT
RED/WHT
RED
YELLOW
COMMON

A.C. Ballast

*AC / EMERGENCY

LPTS/CHARGE INDICATOR

RELAY

UNIT CONNECTOR

EMERGENCY BALLAST

VIOLET

SWITCHED OR UNSWITCHED LINE

UNSWITCHED

WHITE

BLACK

UNSWITCHED

WHITE

BLACK

BLUE

RED

YELLOW

WHITE

BLACK
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS. CONNECT BLUE/WHIIT AND RED/WHITE WIRES TOGETHER.
TWO LAMP SERIES LEAD BALLAST
WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*AC / EMERGENCY

- BLACK
- BLUE
- RED
- WHITE
- BLUE/WHITE
- ORGANIC (277V)
- BLK (120V)
- BLK/YEL
- BLK/BRN
- COMMON
- LAMP
- EMERGENCY BALLAST
- CHARGE INDICATOR/LPTS
- UNIT CONNECTOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

A.C. Ballast

LAMP *LAMP

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO LAMP INSTANT START BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
TWO LAMP INSTANT START BALLAST
TWO LAMP OPERATION

A.C. Ballast

EMERGENCY BALLAST

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

④ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED. DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
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.
- Lamp selector leads - refer to installation instructions, lamp operation section for various options.

*AC / EMERGENCY
TWO LAMP RAPID START BALLAST
TWO LAMP OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

*AC / EMERGENCY

SWITCHED OR UNSWITCHED LINE

COMMON

BLK (120V)

WHITE

YELLOW

RED

BLUE

VIOLET

*AC / EMERGENCY

A.C. Ballast

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

OR (277V)

*LAMP

*LAMP
ONE LAMP INSTANT START BIAx

A.C. Ballast

*S. LAMP

*AC / EMERGENCY

SWITCHED OR UNSWITCHED LINE

COMMON

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

③ LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

④ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

COMMON

LPTS / CHARGE INDICATOR

VIOLET

① UNSWITCHED

BLK (120V)

WHITE

ORG (277V)

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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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
TWO LAMP SERIES LEAD BALLAST

- SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
- DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
- LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
- CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
THREE LAMP RAPID START BALLAST

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and ac power is supplied.
- Lamp selection leads—refer to installation instructions, lamp operation section for various options.

AC / EMERGENCY BALLAST

- Violet lead
- Common lead

A.C. Ballast

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and ac power is supplied.
- Lamp selection leads—refer to installation instructions, lamp operation section for various options.

OSRAM/SYLVANIA

Q57

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
FOUR LAMP INSTANT START BALLAST WITH THREE LAMPS ONLY

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
5. CAP UNUSED LEAD
FOUR LAMP INSTANT START BALLAST WITH THREE LAMPS ONLY
TWO LAMP EMERGENCY OPERATION

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
④ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
⑤ CAP UNUSED LEAD
FOUR LAMP 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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. 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.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

UNSWITCHED SWITCHED OR UNSWITCHED LINE

ORG (277V) BLK (120V) WHITE

LAMP LAMP LAMP

*a* LAMP EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

COMMON

A.C. Ballast

EMERGENCY BALLAST

FULLHAM WORKHORSE 5

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 THE LAMP SELECTOR LEADS

AC / EMERGENCY
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.
- LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

*AC / EMERGENCY
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
**FULLHAM**

**WH3**

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK*

**TWO BIAX LAMP FULLHAM BALLAST**

**TWO LAMP EMERGENCY OPERATION**

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.
4. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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

SWITCHED OR
UNSWITCHED
LINE

LPTS / CHARGE
INDICATOR

UNSWITCHED
LINE

COMMON

ORG (277V)
BLK (120V)

WHITE

LAMP

AC / EMERGENCY

BLACK
WHITE
BLUE/WHT
BLUE/WHT
RED
RED
YELLOW
YELLOW
BLUE
BLUE/WHT
RED/WHT

UNIT CONNECTOR

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A.C. Ballast

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

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*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

SYLVANIA
QT4X32

4LRSB4_80
TWO LAMP INSTANT START BALLAST

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

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

EMERGENCY BALLAST

1. UNSWITCHED
2. SWITCHED OR UNSWITCHED LINE

COMMON

BLK (120V)

WHITE

RED

BLUE

LAMP

† LAMP

ADVANCE REL 2P59-SRHTP

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

SWITCHED OR UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE

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

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

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**A.C. Ballast**

- BLACK
- WHITE
- YELLOW
- BLUE
- RED
- BROWN
- GRAY

**EMERGENCY BALLAST**

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

**LPTS / CHARGE INDICATOR**

1. Select proper voltage lead, cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selection leads—refer to installation instructions, lamp operation section for various options.

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**WARNING**

- All compatible ballasts may not be listed.
- Dimming control wires are not affected by EM pack.

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**DE440P27PL**
ONE 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.
3. Lamp selection leads—refer to installation instructions, lamp operation section for various options.
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.

1. SWITC hed or UNSWITC hed LINE
2. UNSWITC hed
3. COMMON
4. ORG (277V)
5. BLK (120V)
6. WHITE
7. WHT/BLK
8. COMMON
9. *LAMP
10. A.C. Ballast
11. *AC / EMERGENCY

*AC / EMERGENCY
TWO LAMP RAPID START BALLAST

A.C. Ballast

- BLACK
- WHITE
- RED
- YELLOW
- LAMP

*LAMP

EMERGENCY BALLAST

- ORG (277V)
- BLK (120V)
- WHT/BLK

COMMON

UNIT CONNECTOR

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 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 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 BLUE/WHITE AND RED/WHITE WIRES TOGETHER.

A.C. Ballast

EMERGENCY BALLAST

TBTS/CHARGE INDICATOR

*AC/EMERGENCY

WHT/BLK

WHT/RED

RED (+)

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UNIT CONNECTOR

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

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WHT/BLK

WHT/RED

RED (+)
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.
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 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

LAMP
LAMP
*LAMP

EMERGENCY BALLAST

Common

TBTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

UNSWITCHED OR UNSWITCHED LINE

Common

UNSWITCHED

Common

Common

*AC / EMERGENCY
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

UNSWITCHED

ORG (277V)
BLK (120V)
WHITE

LAMP

LAMP

*LAMP

AC / EMERGENCY

BALLAST

A.C. Ballast

*AC / EMERGENCY
ONE LAMP INSTANT START BALLAST

**A.C. Ballast**

- BLACK
- WHITE
- YELLOW

**EMERGENCY BALLAST**

- BLUE
- BLUE/WHT
- RED/WHT
- RED
- RED
- YELLOW

**LAMP**

- *AC / EMERGENCY*

- TBTS / CHARGE INDICATOR

- COMMON

- SWITCHEO OR UNSWITCHED LINE

- UNSWITCHED

- BLK (120V)
- WHITE
- WHT/BLK

- ORG (277V)

**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 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.

*AC / EMERGENCY
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.

SWITCHED OR UNSWITCHED LINE

① UNSWITCHED
BLK (120V)
WHITE
WHT/BLK

② UNIT CONNECTOR
LPTS / CHARGE INDICATOR

A.C. Ballast

COMMON

*AC / EMERGENCY

EMERGENCY BALLAST

OR (277V)

BLU/WHT
RED/WHT
RED
YELLOW

BROWN
RED
YELLOW
BLUE

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

A.C. Ballast

EMERGENCY BALLAST

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

COMMON

*AC / EMERGENCY

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

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE
WHT/BLK

COMMON

UNIT CONNECTOR

LAMP

*LAMP

AC / EMERGENCY

*AC / EMERGENCY

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
SUNPARK TWO LAMP RAPID START BALLAST

A.C. Ballast

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

ORG (277V)
BLK (120V)
WHITE
WHT/BLK

COMMON

① UNSWITCHED

COMMON

② UNIT CONNECTOR

TBTS/CHARGE INDICATOR

*AC / EMERGENCY
FOUR LAMP RAPID START BALLAST

LTS/CHARGE INDICATOR

SEL. PROPER VOLTAGE LEAD. CAP UNUS. 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.

ADVANCE
- RC-4S60-TP
- RC-4S85-TP
- VCN-4S32-SC

GE
- G4-RL-T8-1LL-120/277
- G4-RN-T8-10C-120/277
- G4-RN-T8-1LL-120/277

MOTOROLA
- M4-RL-T8-1LL-A-120/277
- M4-RL-T8-1LL-B-120/277
- M4-RN-T8-1LL-A-120/277
- M4-RN-T8-1LL-B-120/277
SWITCHED OR UNSWITCHED LINE

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

UNIVERSAL TRIAD

B254 PUV-D

2LRSBDUAL ISL

TWO LAMP RAPID START BALLAST
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.

Lamp selection leads—refer to installation instructions, lamp operation section for various options.

AC / EMERGENCY
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.
3. Lamp selection leads—refer to installation instructions, lamp operation section for various options.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

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

A.C. Ballast

LAMP

*LAMP

LAMP

*AC / EMERGENCY

EMERGENCY BALLAST

UNIT CONNECTOR

CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

BLK (120V)

ORG (277V)

COMMON

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➂

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
ONE LAMP INSTANT START BALLAST

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR OR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
④ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

*AC / EMERGENCY LAMP

EMERGENCY BALLAST

CHARGE INDICATOR COMMON

COMMON

UNIT CONNECTOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ADVANCE
RON/VON-1P32
REL/VEL-1P32-RH-TP
REL/VEL-1P32-SC

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

GE
G1-IN-T8-120/277

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

HOWARD
ECL1/32S-120/277
EL1/32S-120/277
E1/32S-120/277
EC1/32S-120/277

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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ALL COMPARE EARLIER BALLAST ARE NOT LISTED.

A.C. BALLAST

EMERGENCY BALLAST

CHARGE INDICATOR

UNIT CONNECTOR

COMMON

SWITCHED OR UNSWITCHED LINE

BLK (120V)

ORG (277V)

WHITE

RED

YELLOW

RED/WHT

BLUE/WHT

VIOLET

BROWN/WHI

UNIT CONNECTOR

AC / EMERGENCY
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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE 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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.
FOUR 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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. 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.

4LISB_160
TWO LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

- **SWITCHED OR UNSWITCHED LINE**
  - ORG (277V)
  - BLK (120V)

- **COMMON**
  - SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
  - DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
  - LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

- **CHARGE INDICATOR**
  - LED CONNECTOR
  - RJ-2S36-TP
  - RJ-VM-2SP30-TP
  - RC/VC-2SP30-TP
  - EMERGENCY BALLAST

- **AC Ballast**
  - A.C. Ballast
  - BLUE
  - BLUE/WHITE
  - RED
  - RED/WHITE
  - YELLOW

- **EMERGENCY BALLAST**
  - VIOLET
  - BROWN
  - WHITE

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

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**ADVANCE**
- HM/VM-2SP20-TP
- RV-2P817-TP
- RV-2P825-TP
- RV-2P832-TP
- RV-2P840-TP
- RV-2S40-TP
- RV-2S110-TP
- RV-2SP30-TP
- RV-2S110-TP
- RCVC-2SP40-TP
- RCVC-2S85-TP
- RC-2SP830-TP
- RQ/VQ-2532
- RQ/VQ-2540
- REL/VIL-2S40-RH-TP
- RL-2S20-TP
- RM-2S36-TP
- RM/VL-2SP30-TP
- RC/VC-2S32
- RC/VC-2S40-TP
- RK-VK-2S32-TP
- RKV-VK-2S34-TP
- RKV-VK-2S40-TP
- RKVV-VK-2S110-TP
- RZ/VEZ-2S32
- RS/VL-2S40-TP
- RS/VV-2S110-TP
- RZ/VTZ-2S32

**EBT**
- ECG-120/277-2/32 SR
- ECG-120/277-2/40 SR
- SSB-120/277-2/32 LH
- SSB-120/277-2/40 LH /-(75%)/-(MPX)
- SSB-120/277-2/32 LH

**GE**
- G2-RH-T8-1 LL-120/277
- G2-RL-T8-1 LL-120/277
- G2-RN-T8-10C-120/277
- G2-RN-T8-1 LL-120/277
- G2-RN-T12-1 LL-120/277

**KINGTEC**
- 232K120/277
- 232K120-75%
- 232K1210
- 240K120/277

**LUTRON**
- ECO 1332-120/277-2*
- FDB 4827-120/277-2*

**MAGNETEK**
- GB 2X32/FL/R-VHP

**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

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO LAMP INSTANT START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

BLACK (120V)
WHITE (120V)
RED/WHT
BLUE/WHT
YELLOW
UNIT CONNECTOR
CHARGE INDICATOR
COMMON
BLK (120V)
ORG (277V)
SWITCHED OR UNSWITCHED LINE
UNSWITCHED
COMMON

*AC / EMERGENCY
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. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
5. CAP UNUSED LEAD

NOTE: DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

MAGNETEK
C40122/27F1H

V11

V11
UNSWITCHED
SWITCHED OR
UNSWITCHED
LINE

COMMON

ORG (277V)

BLK (120V)

WHITE

*AC / EMERGENCY

A.C.
Ballast

SELECT PROPER VOLTAGE
LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER
TO INSTALLATION INSTRUCTIONS,
LAMP OPERATIONS SECTION FOR
VARIOUS OPTIONS

*AC / EMERGENCY

VIOLET

BRN/WHT

BROWN

COMMON

LATS / CHARGE
INDICATOR

UNIT
CONNECTOR

➀

➁

➂

➀

➁

➂

➀

➁

➂
ONE BIAX LAMP RAPID START BALLAST
WITH DIMMING CONTROL

A.C. Ballast

*AC / EMERGENCY

DIMMED HOT

BLACK WHITE RED RED

BLUE BLUE BLUE/WHIT RED/WHIT RED

YELLOW

COMMON

LPTS / CHARGE INDICATOR

EMERGENCY BALLAST

UNIT CONNECTOR

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

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

SWITCHED OR UNSWITCHED LINE

COMMON

SELECT Proper VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE LAMP INSTANT START BALLAST WITH 
TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
EMERGENCY LAMPS ARE NOT AFFECTED BY EM PACK
THREE LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD; CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

**AC / EMERGENCY**

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

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
FOUR LAMP INSTANT START BALLAST
WITH TWO LAMP EMERGENCY OPERATION

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

LAMP SELECTOR LEADS—REFER
TO INSTALLATION INSTRUCTIONS,
LAMP OPERATION SECTION FOR
VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT
WIRES TOGETHER

SWITCHED OR
UNSWITCHED
LINE

① UNSWITCHED

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

③ LAMP SELECTOR LEADS—REFER
TO INSTALLATION INSTRUCTIONS,
LAMP OPERATION SECTION FOR
VARIOUS OPTIONS.

④ CONNECT BLU/WHT AND RED/WHT
WIRES TOGETHER
FOUR LAMP RAPID START BALLAST

- Switched or Unswitched Line
- Org (277V)
- Blk (120V)
- White
- Blue
- Blue/White
- Red
- Red/White
- Yellow
- Brown
- Brown/White
- Violet
- Lamps
- Lamps

A.C. Ballast

*AC/Emergency

EMERGENCY BALLAST

① Select proper voltage lead. Cap unused lead.
② Do not mate connector until installation is complete and AC power is supplied.
③ Lamp selection leads—Refer to installation instructions, lamp operation section for various options.

LPTS / CHARGE INDICATOR

①
②
③

ADVANCE
- RC-4S60-TP
- RC-4S85-TP
- VCN-4S32-SC

GE
- G4-RL-T8-1LL-120/277
- G4-RN-T8-10C-120/277
- G4-RN-T8-1LL-120/277

MOTOROLA
- M4-RL-T8-1LL-A-120/277
- M4-RL-T8-1LL-B-120/277
- M4-RN-T8-1LL-A-120/277
- M4-RN-T8-1LL-B-120/277

All compatible ballasts may not be listed.
*Dimming control wires are not affected by EM pack.
FOUR LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selection leads—Refer to installation instructions, lamp operation section for various options.

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

ADVANCE
RC-4S60-TP
RC-4S85-TP
VON-4S32-SC

GE
G4-RL-T8-1LL-120/277
G4-RN-T8-10C-120/277
G4-RN-T8-1LL-120/277

MOTOROLA
M4-RL-T8-1LL-A-120/277
M4-RL-T8-1LL-B-120/277
M4-RN-T8-1LL-A-120/277
M4-RN-T8-1LL-B-120/277
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER.

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

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRE TOGETHER.

CHARGE INDICATOR/LPT COMMON

AC / EMERGENCY
ONE LAMP MAGNETIC BALLAST

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
ONE LAMP CIRCLINE RAPID START BALLAST

A.C. Ballast

*LAMP

**AC / EMERGENCY

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS/CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

COMMON

OR (277V)

BLK (120V)

WHITE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK ADVANCE
TWO LAMP CIRCLINE RAPID START 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.
3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

A.C. Ballast

LAMP

*LAMP

COMMON

SWITCHED OR UNSWITCHED LINE

ORG (277V)

BLK (120V)

WHITE

RED

YELLOW

BLUE

WHITE

YELLOW

RED

BLUE/WHT

RED/WHT

YELLOW

LPTS / CHARGE INDICATOR

UNIT CONNECTOR

VIOLET

BROWN

BRN/WHT

COMMON

*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.
3. Lamp selector leads - refer to installation instructions, lamp operation section for various options.

All compatible ballasts may not be listed. Dimming control wires are not affected by ballast.
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

SWITCHED OR UNSWITCHED LINE

ORG (277V)
BLK (120V)
WHITE

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

COMMON

A.C. Ballast

PFC CAPACITOR

*LAMP  *AC / EMERGENCY

VIOLET
RED/WHT
YELLOW
BLUE/WHT
RED
ONE LAMP EMERGENCY ONLY

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
- Connect the lamp selector leads.

* Lamp
* AC / Emergency

**Lamp**

**Common**

- BLK (120V)
- ORG (277V)
- UNSWITCHED

**Ballast**

- BLUE/WHT
- RED/WHT
- WHITE
- VIOLET
- BROWN
- RED
- YELLOW

**Unit Connector**

**Charge Indicator**

**LPTS/Charge Indicator**

**Cap Off Leads**

**Cap Off Leads**
TWO 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.
3. CONNECT THE LAMP SELECTOR LEADS

CONNECT THE LAMP SELECTOR LEADS

* LAMP

AC / EMERGENCY

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

BROWN

RED/WHT

RED

YELLOW

ORG (277V)

BLK (120V)

WHITE

BRN/WHT

BROWN

VIOL

BLUE/WHT

BLUE
**ONE LAMP TRIAD BALLAST**

1. **SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.**
2. **DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.**
3. **LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.**
4. **CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER**

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- **BLK (120V) COMMON**
- **ORG (277V) UNSWITCHED**
- **SWITCHED OR UNSWITCHED LINE**

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**A.C. Ballast**

- **BLK**
- **WHT**
- **RED**

**EMERGENCY BALLAST**

- **BLUE**
- **BLUE/WHT**
- **RED/WHT**
- **RED**
- **YELLOW**

**LAMP**

- **VIOLET**
- **BROWN**
- **BRN/WHT**

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**CONNECTOR**

- **CHARGE INDICATOR**

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*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.*

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ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
**Three 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. Lamp selector leads—refer to installation instructions, lamp operation section for various options.

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**A.C. Ballast**

- **Black/White**
- **Yellow/Blue**
- **Blue/Red**
- **Yellow/Blue**

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**Lamps**

- **Lamp 1**
- **Lamp 2**
- **Lamp 3**

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**Select Proper Voltage Lead**

- **Common (277V)**
- **Blk (120V)**
- **White**

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**Lpts/Charge Indicator**

**Advance**

VCN 3P32

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**Note:**

All compatible ballasts may not be listed. Dimming control wires are not affected by EM pack.
THREE LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

VIOLET
BRN/WHT
BROWN

UNIT CONNECTOR
COMMON
LPTS/CHARGE INDICATOR

A.C. BALLAST

SWITCHED OR UNSWITCHED LINE

 Commons

BLK (120V)
ORG (277V)
WHITE

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

*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.
3. LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
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.
3. LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

A.C. Ballast

- BLACK
- WHITE
- RED
- HWT
- BLUE
- RED
- HWT
- BLUE
- RED
- HWT
- BLUE
- RED
- HWT
- VIOLET
- BROWN
- BROWN/WHT
- WHITE
- COMMON
- LPTS / CHARGE INDICATOR
- UNIT CONNECTOR
- EMERGENCY BALLAST
- ORG (277V)
- BLK (120V)
- WHITE
- COMMON

*AC / EMERGENCY

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

A.C. Ballast

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

① UNSWITCHED
② UNSWITCHED OR UNSWITCHED LINE

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK
TWO COMPACT 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.

3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

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

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

*AC / EMERGENCY
ONE LAMP CIRCLINE RAPID START BALLAST

A.C. Ballast

*LAMP

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS

BLACK WHITE
RED RED ELECTRIC
YELLOW BLUE/WHT LIGHTS
RED/WHT RED LIGHTS
YELLOW WHT LIGHTS

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

BLK (120V)
WHITE
COMMON

ORG (277V)
① UNSWITCHED

LPTS/CHARGE INDICATOR

UNIT CONNECTOR

AC / EMERGENCY

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
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.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

*AC / EMERGENCY BALLAST

UNIT CONNECTOR

LPTS/CHARGE INDICATOR

COMMON

➀➁➂
TWO LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

A.C. Ballast

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 LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
THREE LAMP INSTANT START BALLAST

A.C. Ballast

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
TWO LAMP RAPID START BALLAST WITH RELAY

A.C. Ballast

*AC / EMERGENCY
ONE LAMP INSTANT START BALLAST
WITH RELAY

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

*LAMP

*AC / EMERGENCY

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

COMMON

BLK (120V)

WHITE

RED/WHT

YELLOW

RED

YELLOW

UNIT CONNECTOR

COMMON

BALLAST

EMERGENCY

WHITE

BLUE/WHT

RED

YELLOW

UNIT

CONNECTOR

COMMON

1LISBWRI_160

ONE LAMP INSTANT START BALLAST WITH RELAY
ONE LAMP RAPID START BALLAST WITH RELAY

A.C. Ballast

EMERGENCY BALLAST

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

COMMON

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

BLK (120V) WHITE

BLUE BLUE/WHITE RED/WHITE RED RED

YELLOW BLUE/WHT RED/WHT RED

BALLAST

EMERGENCY BALLAST

RELAY

*AC / EMERGENCY

YELLOW WHITE BLACK

COMMON
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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

EMERGENCY BALLAST

*AC / EMERGENCY

COMMON

UNIT CONNECTOR

CHARGE INDICATOR/LPTS

SWITCHED OR UNSWITCHED LINE

BLK (120V) WHITE

ORG (277V)

RED/WHT

RED

BLUE/WHT

BLUE

YELLOW

VIOLET

BROWN

BRN OR YEL

BRN OR YEL

BRN OR YEL

LAMP

*LAMP

COMMON

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

A.C. Ballast

B. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*AC / EMERGENCY
TWO BIAx LAMP INSTANT START BALLAST
TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER

*AC / EMERGENCY
2 bounce lamp operation refer to: V62

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

A.C. Ballast

EMERGENCY BALLAST

- BLUE
- RED
- YELLOW
- BLACK
- WHITE

LAMP

*AC / EMERGENCY

UNIT CONNECTOR

LPTS / CHARGE INDICATOR

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

COMMON

ORG (277V)

BLK (120V)

WHITE

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO LAMP INSTANT START BALLAST
TWO LAMP OPERATION

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selector leads—refer to installation instructions, lamp operation section for various options.
4. Connect Blu/Wht and Red/Wht wires together

A.C. Ballast

SWITCHED OR UNSWITCHED LINE

COMMON

UNSWITCHED

BLK (120V)

WHITE

ORG (277V)

* LAMP

* LAMP

UNIT CONNECTOR

LPTS/CHARGE INDICATOR

EMERGENCY BALLAST

VIOLET

BRN/WHT

BROWN

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.
LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

A.C. BALLAST

EMERGENCY BALLAST

B340-R120 HP
B340-R277 HP

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

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED. CONNECT THE LAMP SELECTOR LEADS.

1. CAP OFF LEADS

2. UNIT CONNECTOR

3. CHARGE INDICATOR

*AC / EMERGENCY
TWO COMPACT 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.
3. Connect the lamp selector leads.

*AC / EMERGENCY

* LAMP

UNSWITCHED
UNS
COMMON

Blue
Blue/Wht
Red/Wht
Red
Yellow
Org (277V)
Blk (120V)
White

Unit Connector
Charge Indicator

Violet
Brown/Bwn/Wht
ONE LAMP INSTANT START BIAx

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

CAP UNUSED LEAD.
TWO LAMP SERIES LEAD BALLAST

A.C. Ballast

EMERGENCY BALLAST

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.

4. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

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

*AC / EMERGENCY
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.
4. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
THREE LAMP RAPID START BALLAST 
WITH TWO LAMP OPERATION

A.C. Ballast

EMERGENCY BALLAST

LPTS/CHARGE INDICATOR

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
* DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
TWO COMPACT 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.
3. LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

*A.C. BALLAST*

BLACK
WHITE
YELLOW
YELLOW

A.C. Ballast

BLUE
BLUE
RED
RED

LAMPS

*AC / EMERGENCY

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

COMMON

ORG (277V)
BLK (120V)
WHITE

COMMON

UNIT CONNECTOR

LAMPS

VIOLET
BROWN
BRN/WHT

LPTS / CHARGE INDICATOR

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

FOR 2 LAMP OPERATION REFER TO: V62
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLUE/WHT AND RED/WHT WIRES TOGETHER

UNSWITCHED SWITCHED OR UNSWITCHED LINE

ORG (127V)
BLK (120V)
WHITE

*LAMP
A.C. BALLAST

EMERGENCY BALLAST

RED (+)

TBTS / CHARGE INDICATOR

COMMON

*AC / EMERGENCY

BALLAST

WHT/RED

WHT/BLK

VIOLET

VIOLET

BEFORE INSTALLATION

SWITCHED OR UNSWITCHED
ONE LAMP RAPID START BALLAST

A.C. Ballast

* LAMP

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE
LEAD. CAP UNUSED LEAD.

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

③ LAMP SELECTOR LEADS—REFER
TO INSTALLATION INSTRUCTIONS,
LAMPS OPERATION SECTION FOR
VARIOUS OPTIONS

*AC / EMERGENCY

SWITCHED OR UNSWITCHED LINE

UNSWITCHED OR UNSWITCHED LINE

COMMON

TBTS / CHARGE INDICATOR

①

UNSWITCHED

BLK (120V)

WHITE

WHT/BLK

②

③

VIOLET

YELLOW

UNIT CONNECTOR

RED/+ SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER
TO INSTALLATION INSTRUCTIONS,
LAMPS OPERATION SECTION FOR
VARIOUS OPTIONS

①

②

③

EMERGENCY

BALLAST

ORG (277V)

BLK (120V)

WHITE

WHT/BLK

COMMON
ONE LAMP RAPID START BALLAST

A.C. Ballast

*LAMP

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

SWITCHED OR UNSWITCHED LINE

COMMON

BLK (120V)

WHITE

WHT/BLK

ORG (277V)

① UNSWITCHED

② UNIT CONNECTOR

③ LPTS/CHARGE INDICATOR

VIOLET

VIOLET

*AC / EMERGENCY
TWO LAMP INSTANT START BALLAST

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

1 UNSWITCHED

BLK (120V)

ORG (277V)

COMMON

2 SELECT PROPER VOLTAGE 
LEAD. CAP UNUSED LEAD.

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

3 LAMP SELECTOR LEADS—REFER 
TO INSTALLATION INSTRUCTIONS, 
LAMP OPERATION SECTION FOR 
VARIOUS OPTIONS.

4 CONNECT BLU/WHT AND RED/WHT 
WIRES TOGETHER
TWO LAMP INSTANT START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

A.C. Ballast

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE

UNSUITED OR UNSWITCHED LINE COMMON

ORG (277V)

BLK (120V)

WHITE

BLUE

YELLOW

EMERGENCY BALLAST

COMMON

TBTS / CHARGE INDICATOR

UNIT CONNECTOR

*AC / EMERGENCY

LAMP

*LAMP

RED (+)

WHT/RED

RED/WHT

BLU/WHT

WHT/BLK

†LAMP

‡AC / EMERGENCY

UNIT CONNECTOR

†LIGHT / CHARGE INDICATOR

‡LAMP

††AC / EMERGENCY
TWO LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
TWO LAMP RAPID START BALLAST WITH
TWO LAMP EMERGENCY OPERATION

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

**AC / EMERGENCY**

**A.C. Ballast**

**Emergency Ballast**

SWITCHED OR UNSWITCHED LINE

UNSWITCHED LINE

OPT (277V)

COMMON

BLK (120V)

WHITE

WHT/BLK

\[2LRSB_2LEO_D_2\]
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

➀ UNSWITCHED
➁ SWITCHED OR UNSWITCHED LINE

*AC / EMERGENCY

A.C. Ballast

EMERGENCY BALLAST

② UNIT CONNECTOR

① UNSWITCHED

③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

SWITCHED OR UNSWITCHED LINE

BLK (120V)

WHITE

ORG (277V)

④ COMMON

TBTS / CHARGE INDICATOR
TWO LAMP RAPID START BALLAST

A.C. Ballast

TORCH (277V)
BLK (120V)
WHITE
YELLOW
YELLOW
BLUE/WHT
RED/WHT
RED
RED
BLUE
BLUE
BLACK
WHITE
LAMP
*LAMP

*AC / EMERGENCY

EMERGENCY BALLAST

① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
③ LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

COMMON
LPTS
VIOLET
VIOLET

SWITCHED OR UNSWITCHED LINE
ORG (277V)
UNSWITCHED
BLK (120V)
WHITE
WHT/BLK
COMMON

①
②
③

UNIT CONNECTOR
THREE 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. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. 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.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

➀

➁

➂
SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. 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.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
ONE BIAx LAMP RAPID START BALLAST

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

LAMP SELECTOR LEADS - REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATIONS SECTION FOR VARIOUS OPTIONS.

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

SWITCHED OR UNSWITCHED LINE

COMMON

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

➁ LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

➂ LPT’S/CHARGE INDICATOR

*AC / EMERGENCY

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED. *DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.
THREE LAMP RAPID START BALLAST WITH TWO LAMP EMERGENCY OPERATION

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and AC power is supplied.
3. Lamp selection leads—refer to installation instructions, lamp operation section for various options.

A.C. Ballast

EMERGENCY BALLAST

LPTS / CHARGE INDICATOR

stånnit

SWITCHED OR UNSWITCHED LINE

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTION LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

VIOLET

BLUE/WHIT

RED/WHIT

YELLOW

BLUE

BLACK

WHITE

RED

YELLOW

BLUE/WHT

RED/WHT

UNIT CONNECTOR

COMMON

➀

➁

➂

➀

➁

➂

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

ADVANCE

R/V-3S34-TP
RGN/VGN-3S32
RGN/VGN-3S40
REL/VEL-3S40-RH-TP
RIC/VIC-3S32-TP
RIC/VIC-3S40-TP
R/K/VK-3S34-TP
RL-3SP20-TP
RZT/ZVT-3S32*
REV/VEZ-3S34*

EBT

SSBI-120/277-3/32 LH
SSBI-120/277-3/40 LH

GE

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

LUTRON

ECO-T832-120/277-3*
FDB-4827-120/277-3*

MOTOROLA

M3-RN-T8-1LL-A-120/277
M3-RN-T12-1LL-B-120/277
M3-RN-T8-1LL-A-120/277
For 1 lamp operation refer to YY13

**Advance**
- RCN/VCN-4P32
- REL/VEL-4P32-RH-TP
- REL/VEL-4P32-LW-RH-TP

**EBT**
- SSB2-120/277-4/32 IS LH /-(75%)

**GE**
- G4-IN-T8-120/277

**Goldstar**
- GB 4x32/FL/I/120-277
- GB 4x32/FL/I/120L-277L

**Howard**
- E4/32IS-120/277
- EC4/32IS-120/277

**Kingtec**
- 432K120-1S/277-IS
- 432K120-75%

**Magnete**
- B432120/277HP
- B432120/277RH

**Motorola**
- M4-IL-T8-GP-A-120/277
- M4-IN-T8-A-120/277
- M4-IN-T8-D-120/277
- M4-IN-T8-GP-A-120/277

All compatible ballasts may not be listed. *Dimming control wires are not affected by EM pack.
THREE LAMP RAPID START BALLAST
WITH DIMMING LEAD
TWO LAMP EMERGENCY OPERATION

- Select proper voltage lead. Cap unused lead.
- Do not mate connector until installation is complete and AC power is supplied.
- Lamp selection leads—refer to installation instructions, lamp operation section for various options.

A.C. Ballast

**LAMP**

*AC / EMERGENCY

**LAMP**

LAMP
ONE LAMP INSTANT START BALLAST
WITH CHARGE INDICATOR AND TEST SWITCH

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

*AC / EMERGENCY
TWO 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.
3. Connect the lamp selector leads.
4. Cap unused leads.

*LAMP
LPTS/CHARGE INDICATOR

UNSWITCHED COMMON
BLK (120V)
ORG (277V)
WHITE
BLUE/WHT
RED/WHT
YELLOW
UNIT CONNECTOR
ONE LAMP INSTANT START BALLAST

A.C. Ballast

LPTS / CHARGE INDICATOR

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP SELECTION SECTION FOR VARIOUS OPTIONS.
4. 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.
LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP SELECTION SECTION FOR VARIOUS OPTIONS.
CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER.

SWITCHED OR UNSWITCHED LINE

UNSWITCHED OR UNSWITCHED LINE

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

➀
➁
➂

VIOLET
BLACK
WHITE
BLUE
RED/WHT
YELLOW

UNIT CONNECTOR

*LAMP

AC / EMERGENCY BALLAST

BLU/WHT
RED/WHT
WHT/BLK
ONE LAMP LAG BALLAST

SELECT PROPER VOLTAGE LEAD, CAP UNUSED LEAD.
DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

ADVANCE
RL-140-TP

MAGNETEK
543-B

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

1. SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
2. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.
4. 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.

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

➀ VIOLET
➁  ORG (277V)
BLK (120V)
WHITE
WHT/blk
➂ VIOLET
➁  RED (+)
WHT/RED
➀ Unit connector

A.C. Ballast

*AC/EMERGENCY BALLAST

TWO LAMP RAPID START BALLAST

SWITCHED OR UNSWITCHED LINE

UNSWITCHED
COMMON

ORG (277V)
BLK (120V)
WHITE
WHT/blk

Viola

RED (+)

TBS/CHARGE INDICATOR

COMMON

†AC/EMERGENCY

*AC/EMERGENCY

UNIT CONNECTOR

A.C. BALLAST

†LAMP

BLACK
WHITE
BLUE
RED
YELLOW
BLUE/WT
RED/WT
TWO BIAX LAMP INSTANT START BALLAST

A.C. Ballast

BLACK
WHITE
RED

*AC / EMERGENCY

EMERGENCY BALLAST

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMP OPERATION SECTION FOR VARIOUS OPTIONS.

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.

*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK.

MOTOROLA
B2321/120/277
M2-IN-T8-GP-120/277
M2-IN-T8-D-120/277
M2-IN-T8-1LL-D-120/277
ADP IBL-120/277
ADP IBL-120/277
ADVANCE
RCN-2TTP40

MAGNETEK
B2321/120/277H
M2-IN-T8-1LL-D-120/277
TWO LAMP BALLAST

A.C. Ballast

LAMP

COMMON

EMERGENCY BALLAST

UNIT CONNECTOR

CHARGE INDICATOR/LPTS

SWITCHED OR UNSWITCHED LINE

ORG (277V)

BLK (120V)

WHITE WHT

YELLOW

RED/WHT

RED

BLUE/WHT

BLUE

*AC / EMERGENCY

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS

CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER
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.
3. LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

*AC / EMERGENCY

A.C. Ballast

EMERGENCY BALLAST

TBTS/CHARGE INDICATOR

VENT (277V)

BLK (120V)

WHITE

RED (+)

VIOLET

VIOLET

COMMON

WHITE/BLUE

RED/WHITE

YELLOW

*LAMP

LAMP

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.

VENT (277V)

BLK (120V)

WHITE

RED (+)

VIOLET

VIOLET

COMMON

*AC / EMERGENCY

A.C. Ballast

EMERGENCY BALLAST

TBTS/CHARGE INDICATOR

VENT (277V)

BLK (120V)

WHITE

RED (+)

VIOLET

VIOLET

COMMON

WHITE/BLUE

RED/WHITE

YELLOW

*LAMP

LAMP

SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.

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

LAMP SELECTOR LEADS—REFER TO INSTALLATION INSTRUCTIONS, LAMPS OPERATION SECTION FOR VARIOUS OPTIONS.
TWO LAMP RAPID START BALLAST

* Operates in A.C. and emergency mode.

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and A.C. power is supplied.
* Operates in emergency mode.

1. Select proper voltage lead. Cap unused lead.

2. Do not mate connector until installation is complete and A.C. power is supplied.
TWO LAMP INSTANT START BALLAST

* Operates in A.C. and emergency mode.

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and A.C. power is supplied.
3. Pigtail leads together.

Operates in A.C. and emergency mode.
Select proper voltage lead. Cap unused lead.
Do not mate connector until installation is complete and A.C. power is supplied.
Pigtail leads together.

Diagram:

A.C. BALLAST

EMERGENCY BALLAST

WHITE
BLUE
VIOLET
BLUE/WHT
RED/WHT
BRN/WHT
WHITE
BLACK
RED
LAMP*
LAMP*
LAMP*
YELLOW
BRN
CHARGE INDICATOR/TBTS

SWITCHED OR UNSWITCHED LINE
WHITE COMMON
ORG (277V)
BLK (120V)

THREE LAMP INSTANT START BALLAST

* Operates in emergency mode.

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and A.C. power supplied.
3. Pigtail leads together.

Operates in emergency mode.

Select proper voltage lead. Cap unused lead.

Do not mate connector until installation is complete and A.C. power supplied.

Pigtail leads together.
FOUR LAMP INSTANT START BALLAST

* Operates in emergency mode.

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and A.C. power is supplied.
3. Pigtail leads together.

Operates in emergency mode.
Select proper voltage lead. Cap unused lead.
Do not mate connector until installation is complete and A.C. power is supplied.
Pigtail leads together.
FOUR LAMP RAPID START BALLAST

* Operates in emergency mode.

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

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4LRSB_232

EMERGENCY BALLAST

A.C. BALLAST

LAMP

LAMP

LAMP

LAMP

SWITCHED OR UNSWITCHED LINE

WHITE COMMON

ORG (277V)

BLK (120V)

CONNECTOR

CHARGE INDICATOR/TBTS
EMERGENCY OPERATION ONLY

1. Select proper voltage lead. Cap unused lead.
2. Do not mate connector until installation is complete and A.C. power is supplied.
3. Pigtail leads together.
4. Cap unused leads
FOUR LAMP RAPID START BALLAST

- Operates in emergency mode.
- Select proper voltage lead.
- Cap unused lead.
- Do not mate connector until installation is complete and A.C. power is supplied.

EMERGENCY BALLAST

SWITCHED OR UNSWITCHED LINE
WHITE COMMON
UNSWITCHED LINE
ORG (277V) BLK (120V)
CHARGE INDICATOR/TBT CONNECTOR
BLUE
VIOLET
BLUE/WHT
BRN/WHT
WHITE
BLACK
BLUE/WHITE
RED/WHITE
YELLOW
LAMP
LAMP
LAMP
A.C. BALLAST

MAGNETEK
B432R120HP