

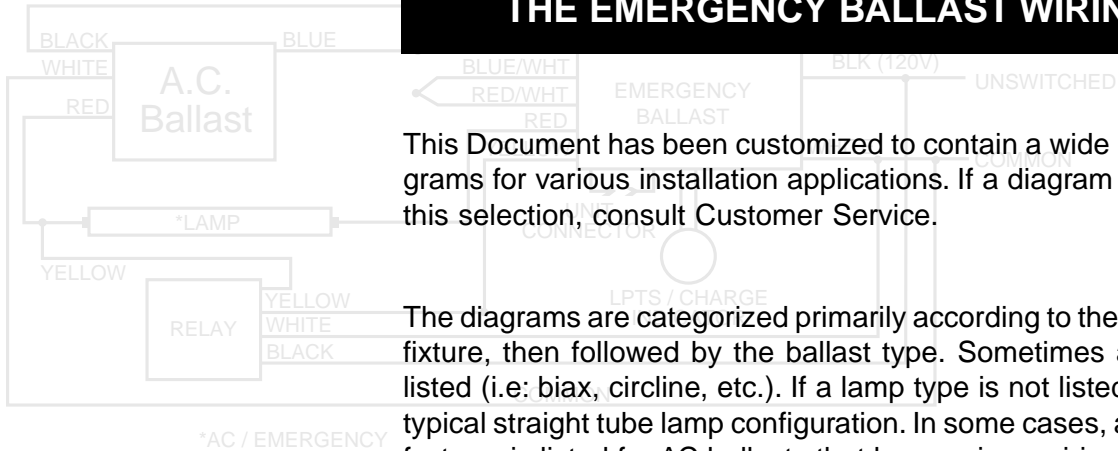
Thomas & Betts

**EMERGENCY BALLAST
WIRING GUIDE**

rev. 103103



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.

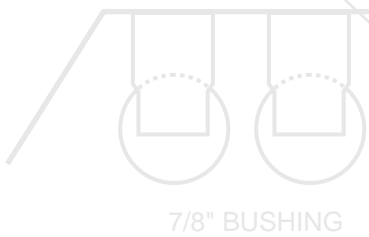
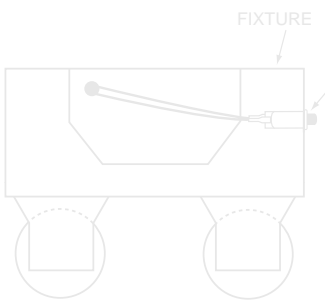
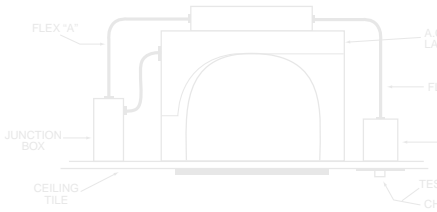
2) USING THE FIND COMMAND

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.

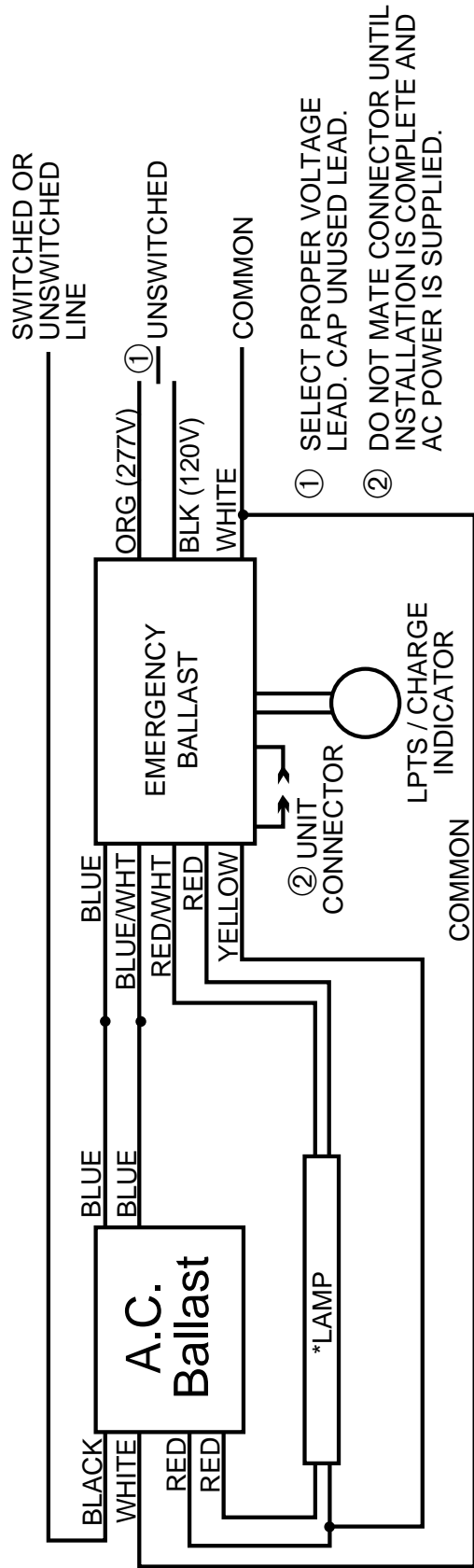
When using the FIND command, it may be helpful to search for only the first few letters or numbers of the model number (i.e. “RCN” or “ECO”) due to the nature of how the reference lists are compiled. Include any hyphens or slashes that may appear in the model number when using the FIND command.

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.



ONE LAMP RAPID START BALLAST



ADVANCE

HM/VM-1P30-TP
 HM/VHM-1P20-TP
 LQ/VLQ-106F-TPP
 R/V-1P817-TP
 R/V-1P825-TP
 R/V-1P32-TP
 R/V-1P840-TP
 R/V-140-TP
 R/V-1U40P-TP
 RC/VC-160-TP
 RC/VC-1P40-TP
 RCN/VCN-1S32
 RCN/VCN-1S40
 REL/VEL-1S40-RH-TP
 RK/VK-132-TP
 RK/VK-134-TP
 RS/VS-160-TP
 REZ-132
 RIC/VIC-132-TP
 RIC/VIC-140-TP
 RZT/VZT-132*

EBT

ECG-120/277-1/40 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*

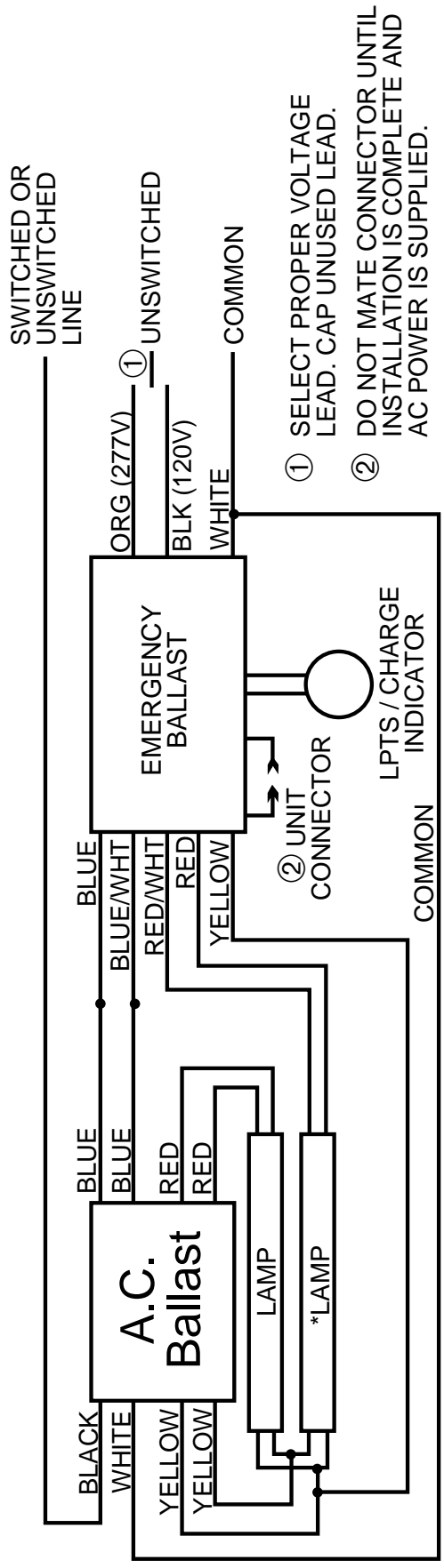
MOTOROLA

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-RV-T8-001-B-120

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

2LR5B

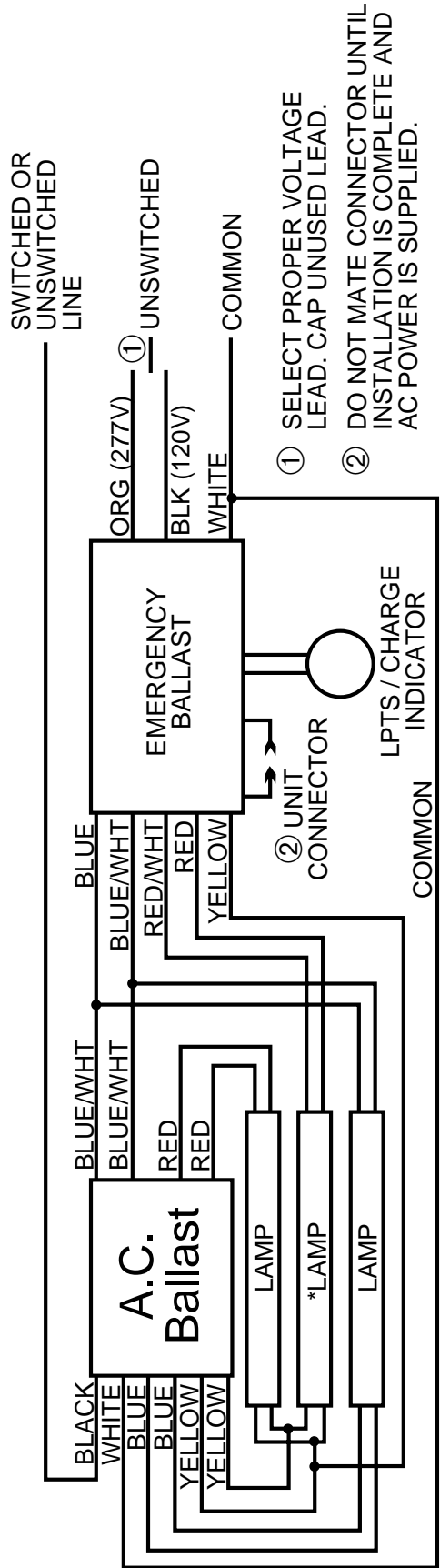
TWO LAMP RAPID START BALLAST



ADVANCE
HM/VM-2SP20-TP
LQ-206F-TP
R/V-2P817-TP
R/V-2P825-TP
R/V-2P832-TP
R/V-2P840-TP
R/V-2S40-TP
R/V-2SP30-TP
RC/VC-2SP40-TP
RC/VC-2S85-TP/FO/RO
RC/VC-2S110-FO/RO
RCN/VCN-2S32
RCN/VCN-2S40
RC-2SP830-TP
REL/VEL-2S40-RH-TP
RL-2SP20-TP
RM-2S35-TP
RM/VM-2SP30-TP
RIC/VIC-2S32
RIC/VIC-2S40-TP
REZ/VEZ-2S32
RK/VK-2S32-TP
RK/VK-2S34-TP
RK/VK-2S40-TP
RK/VK-2S110-TP
EBT
ECG-120/277-2/32 SR
ECG-120/277-2/40 SR
SSB1-120/277-2/32 LH
SSB1-120/277-2/40 LH /-(75%)/-(MPX)
SSB7-120/277-2/32 LH
GE
G2-RH-T8-1LL-120/277
G2-RL-T8-1LL-120/277
G2-RN-T8-10C-120/277
G2-RN-T8-1LL-120/277
G2-RN-T12-1LL-120/277
KINGTEC
232K120/277
232K120-75%
232K2120
240K120/277
MAGNETEK
GB 2X32/FL/RVHP
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-RN-T12-1LL-B-120/277
M2-RN-T8-10C-B-120/277
M2-RN-T8-1LL-D-120/277

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

THREE LAMP RAPID START BALLAST

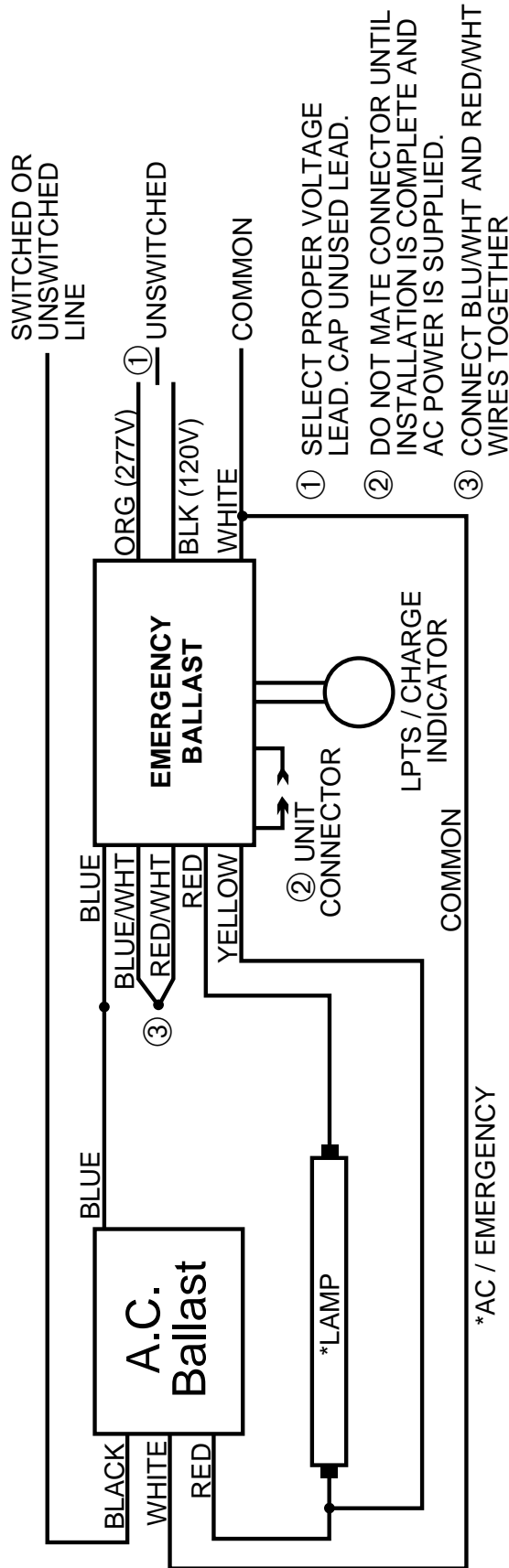


ADVANCE
R/V-3S34-TP
RCN/VCN-3S32
RCN/VCN-3S40
REL/VEL-3S40-RH-TP
RIC/VIC-3S32-TP
RIC/VIC-3S40-TP
RL-3SP20-TP
RK/VK-3S34-TP
RZT/VZT-3S32*
REZ/VEZ-3S32*
EBT
SSB1-120/277-3/32 LH
SSB1-120/277-3/40 LH
GE
G3-RL-T8-1LL-120/277
G3-RN-T8-10C-120/277
G3-RN-T8-1LL-120/277
G3-RN-T12-1LL-120/277
LUTRON
ECO-T832-120/277-3*
FDB-4827-120/277-3*
MOTOROLA
M3-RL-T8-1LL-A-120/277
M3-RN-T12-1LL-B-120/277
M3-RN-T8-1LL-A-120/277

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

1LISB

ONE LAMP INSTANT START BALLAST



ADVANCE

RCN/VCN-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

E1/32IS-120/277
EC1/32IS-120/277
ECL1/32IS-120/277
EL1/32IS-120/277

KINGTEC

132K120-IS/277-IS

MAGNETEK

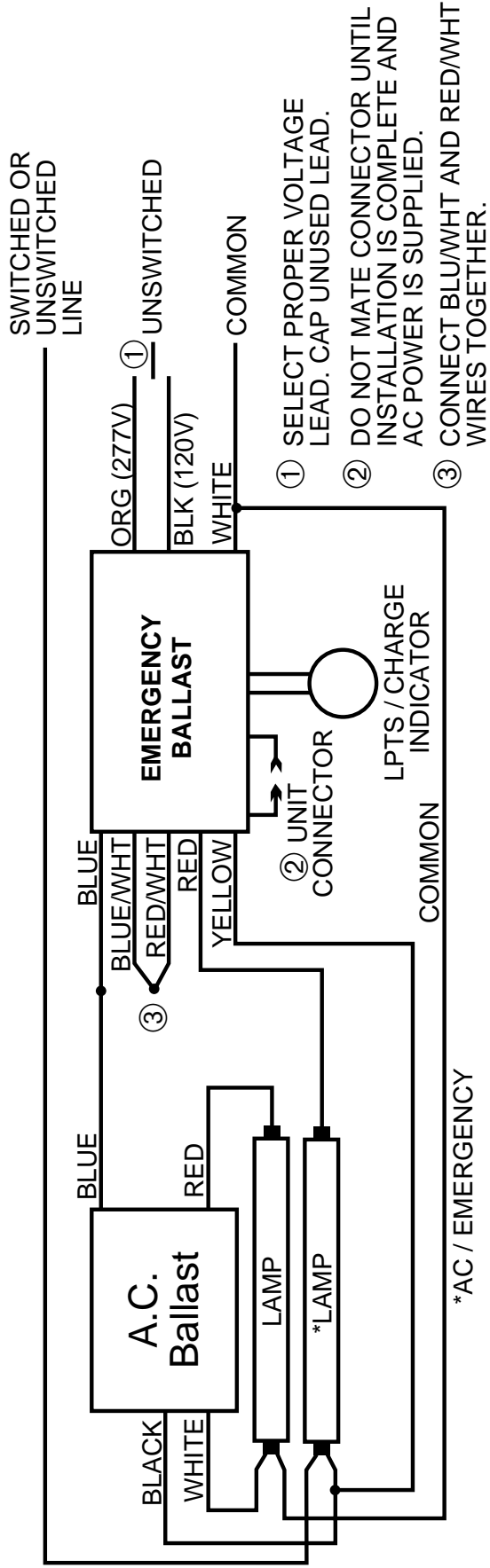
B1321120/277HP
B1321120/277RH

MOTOROLA

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

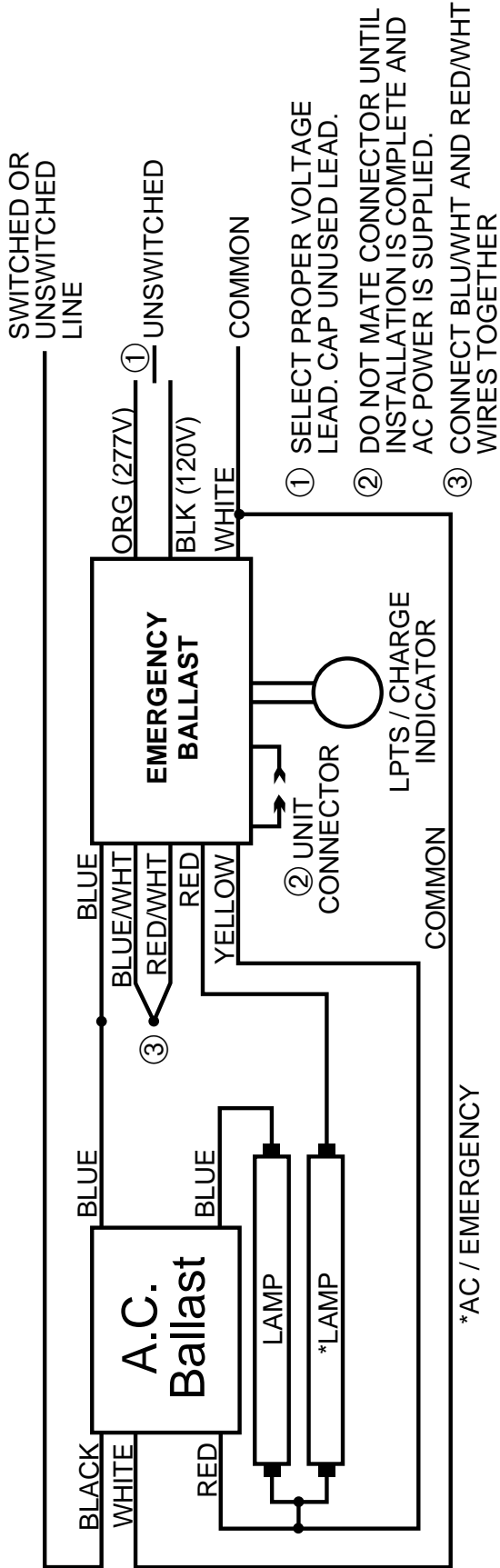
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

TWO LAMP INSTANT START BALLAST



2LISB2

TWO LAMP INSTANT START BALLAST



ADVANCE

RCN/VCN-2P32 /(-LW)
REL/VEL-2P17-RH-TP
REL/VEL-2P32-LW-RH-TP
REL/VEL-2P32-RH-TP
REL/VEL-2P32-SC

EBT

ECG-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

E2/32IS-120/277
EC2/32IS-120/277

KINGTEC

232K120-IS/277-IS

MAGNETEK

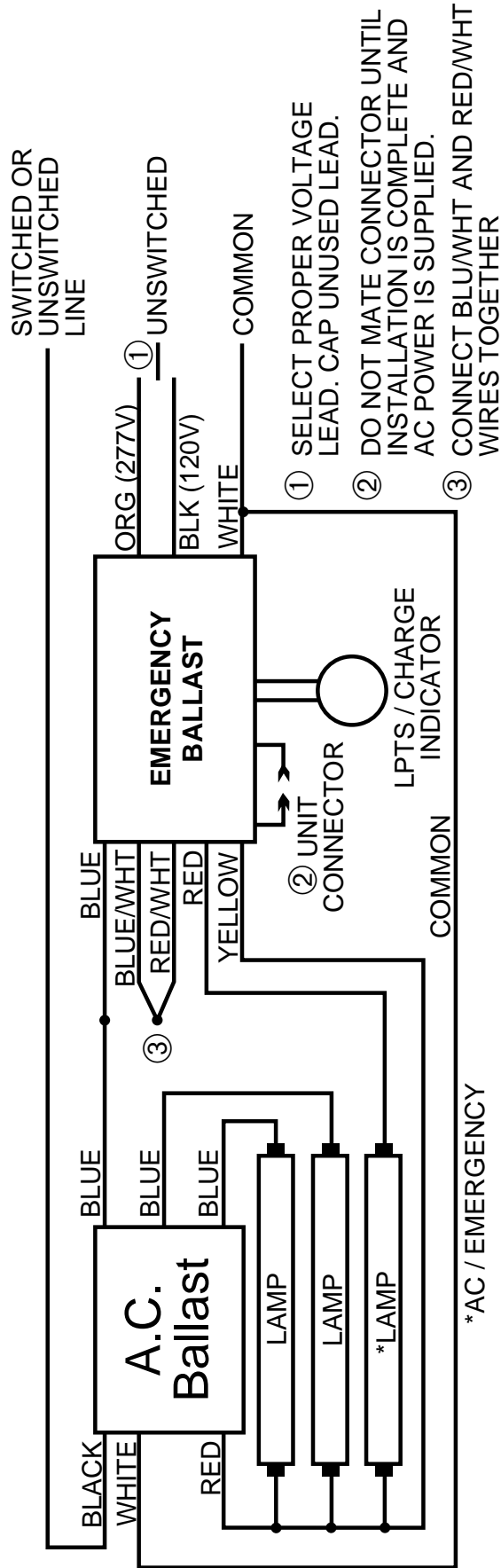
B2321120/277HP
B2321120/277RH

MOTOROLA

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

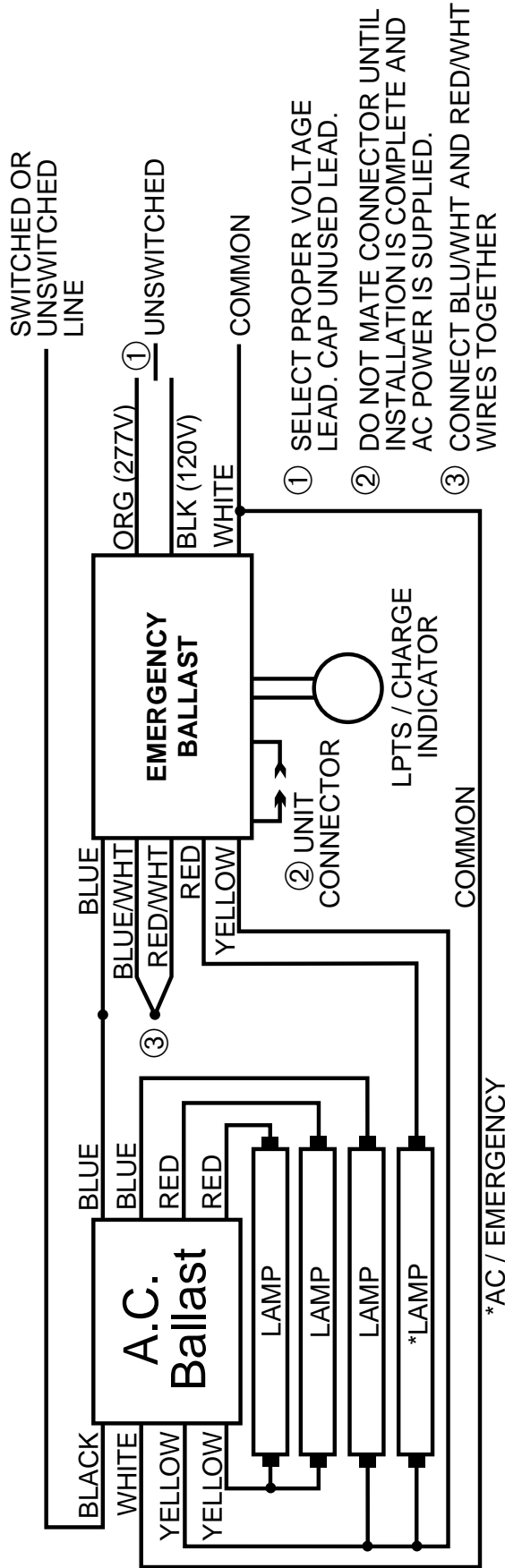
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

THREE LAMP INSTANT START BALLAST



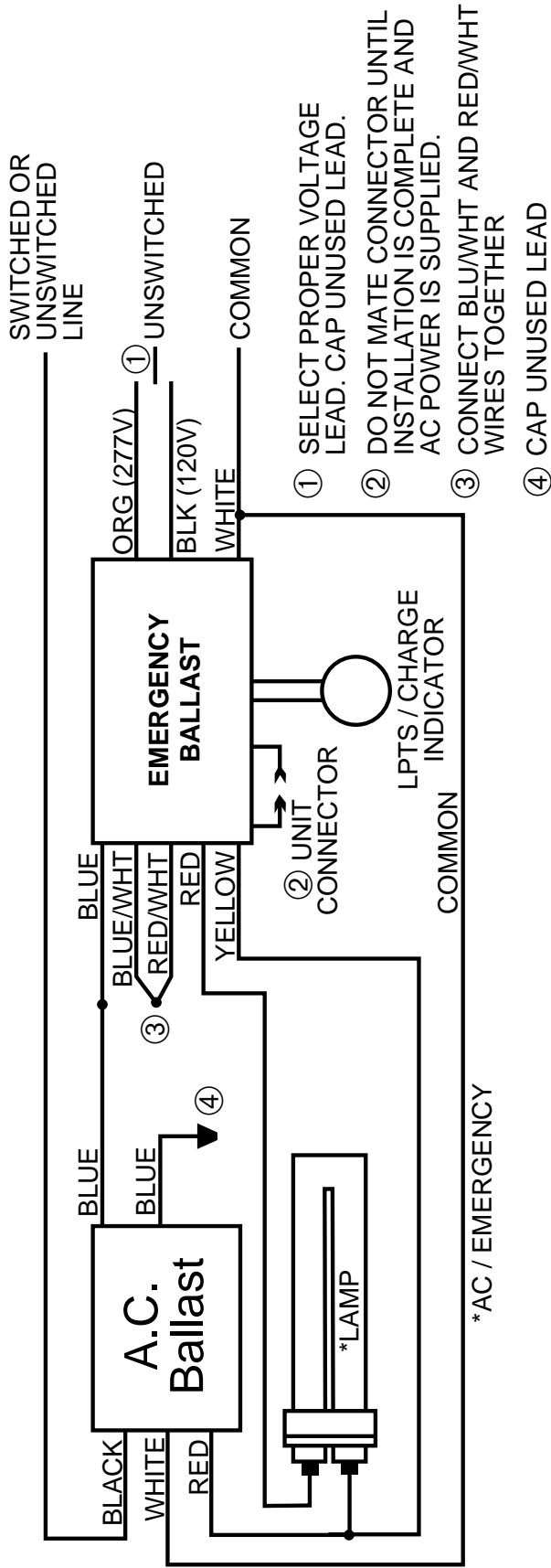
ADVANCE
RCN/VCN-3P32 REL/VEL 3P32-RH-TP REL/VEL 3P32-LW-RH-TP
EBT
SSB2-120/277-3/32 IS LH
GE
G3-IN-T8-120/277
GOLDSTAR
GB 3x32/FL/I/120-277 GB 3x32/FL/I/120L-277L
HOWARD
E3/32IS-120/277 EC3/32IS-120/277 ECL3/32IS-120/277 EL3/32IS-120/277
MAGNETEK
B332I120/277RH B332I120/277HP
MOTOROLA
M3-IL-T8-GP-A-120/277 M3-IN-T8-A-120/277 M3-IN-T8-D-120/277 M3-IN-T8-GP-A-120/277
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED. *DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

FOUR LAMP INSTANT START BALLAST



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-20/277
KINGTEC
432K120-IS/277-IS 432K120-75%
MAGNETEK
B4321120/277HP B4321120/277RH
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

ONE LAMP BIAx

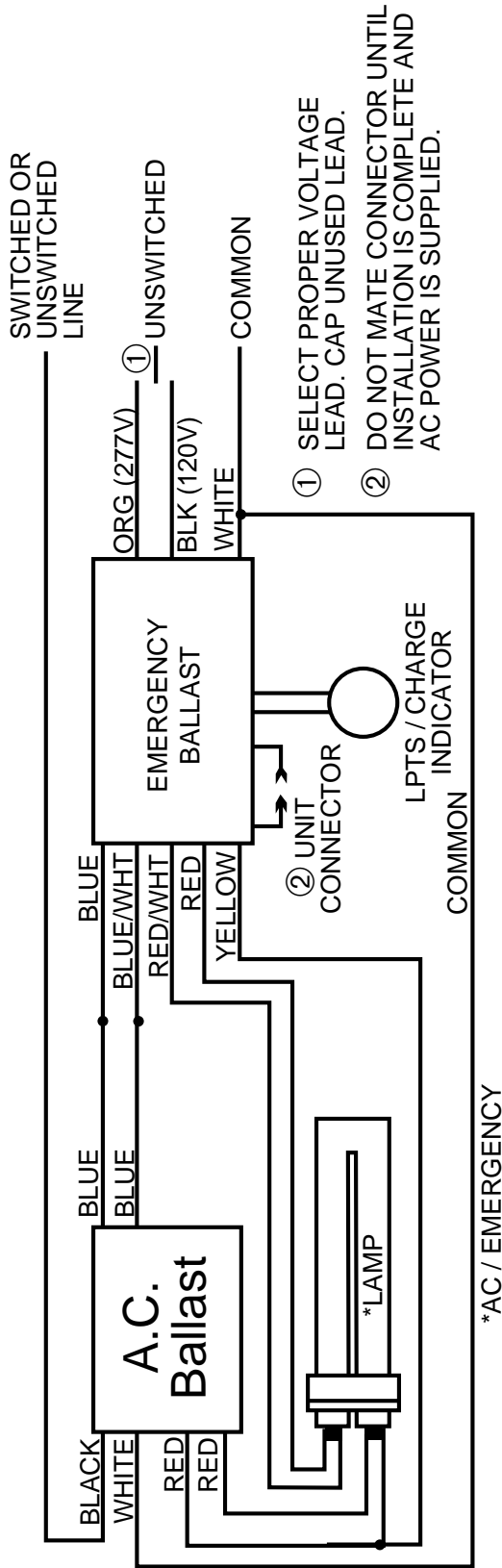


MAGNETEK
C2401120/277RH

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

1BXLRSB

ONE BIAX LAMP RAPID START BALLAST



ADVANCE

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

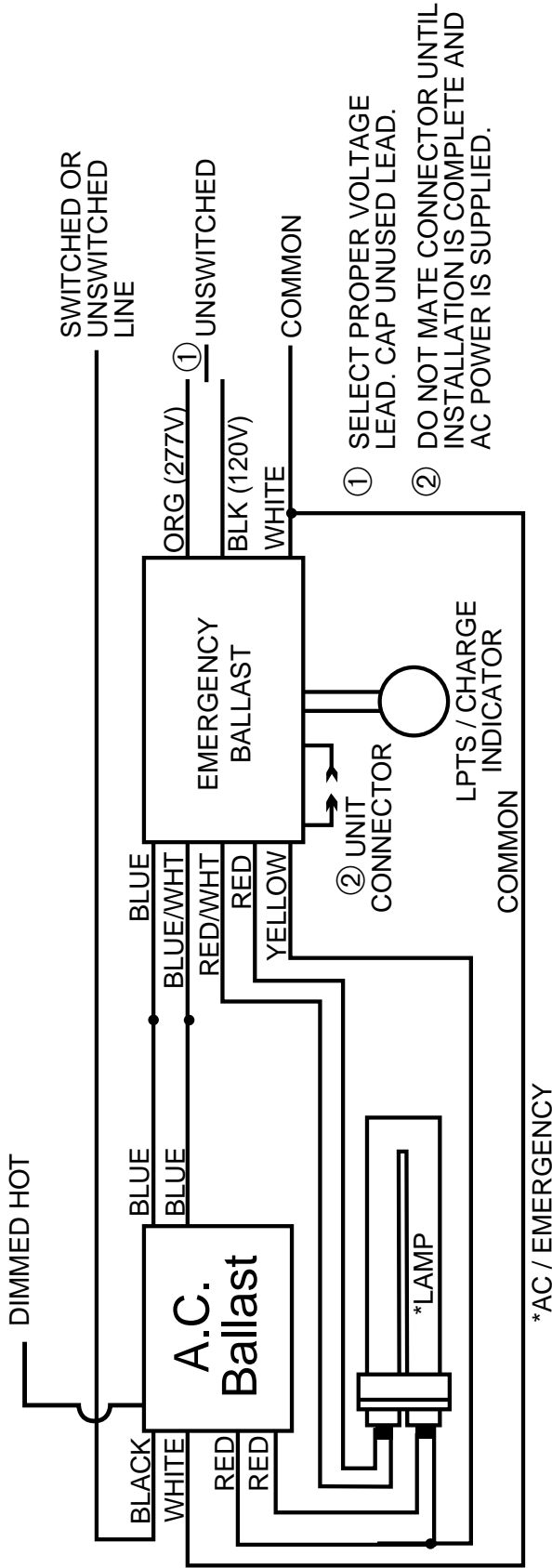
MOTOROLA

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

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

1BXLRSB_DM

ONE BIAx LAMP RAPID START BALLAST

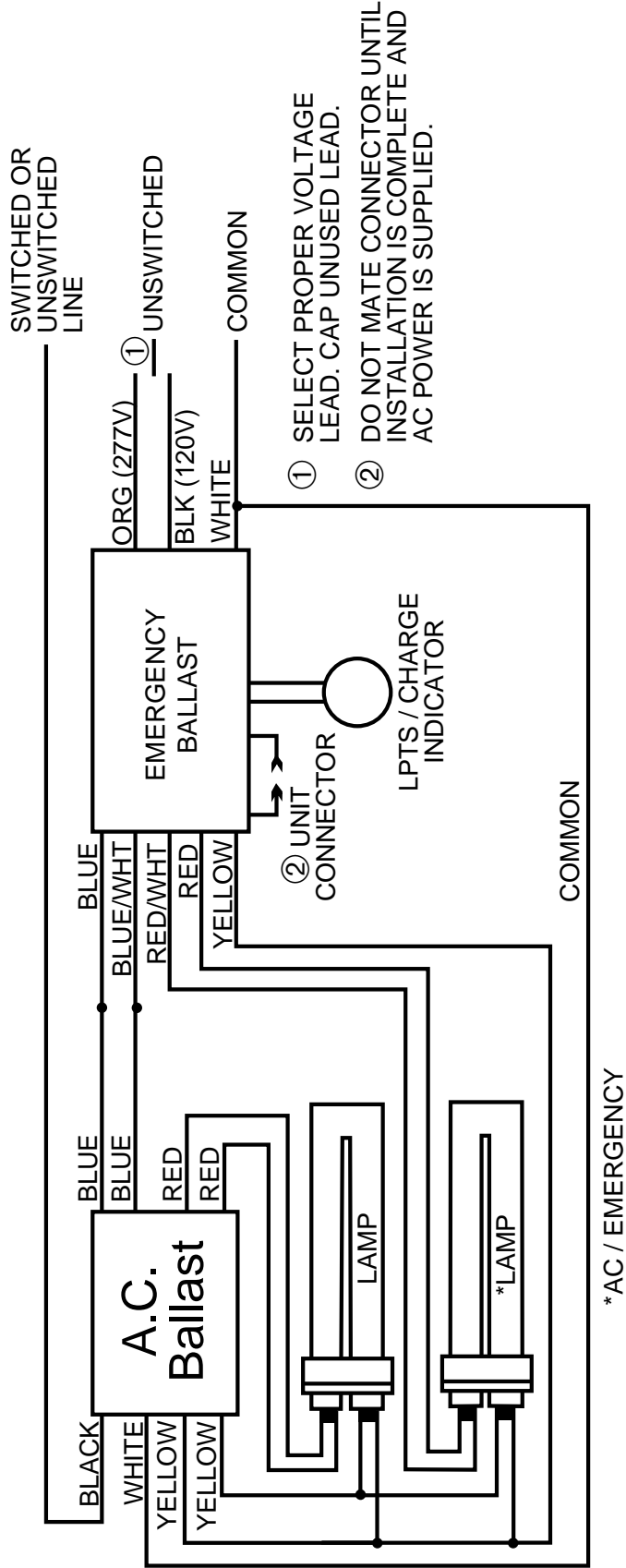


LUTRON

ECO-T540-120/277-1

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

TWO BIAX LAMP RAPID START BALLAST



ADVANCE

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

EBT

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

GE

G2-RN-T5/40-ILL-120/277

LUTRON

ECO-T540-120/277-2

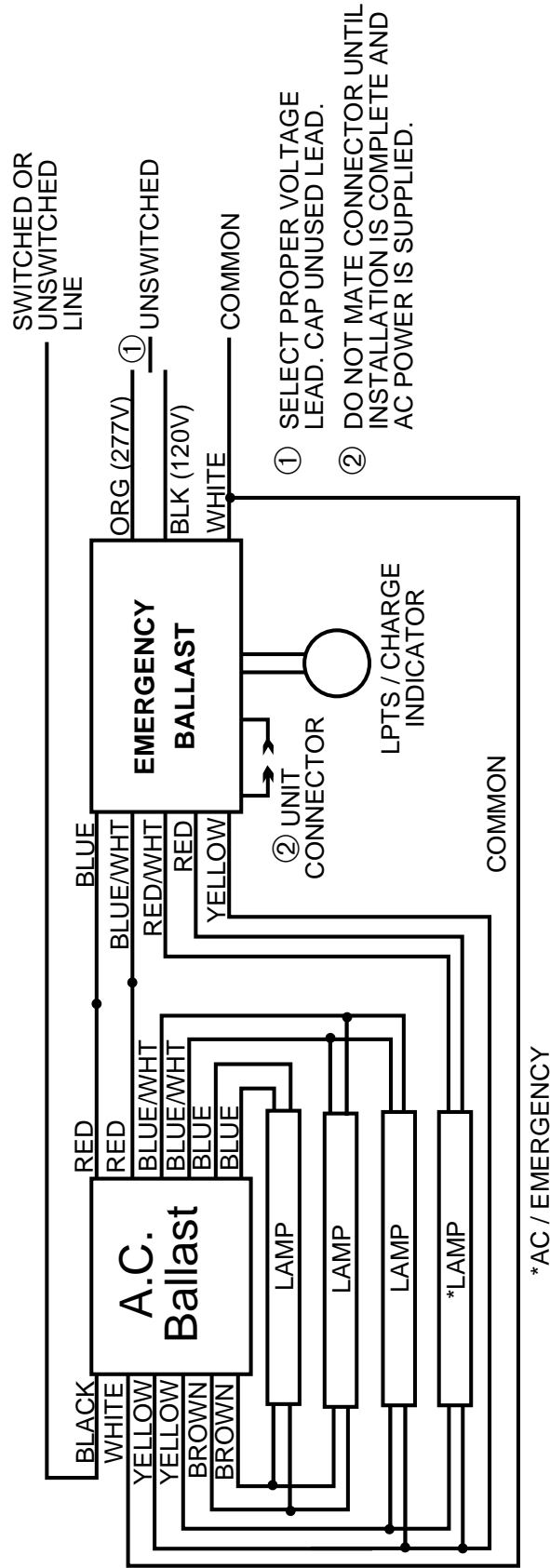
MOTOROLA

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

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

4LR5B

FOUR LAMP RAPID START BALLAST



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

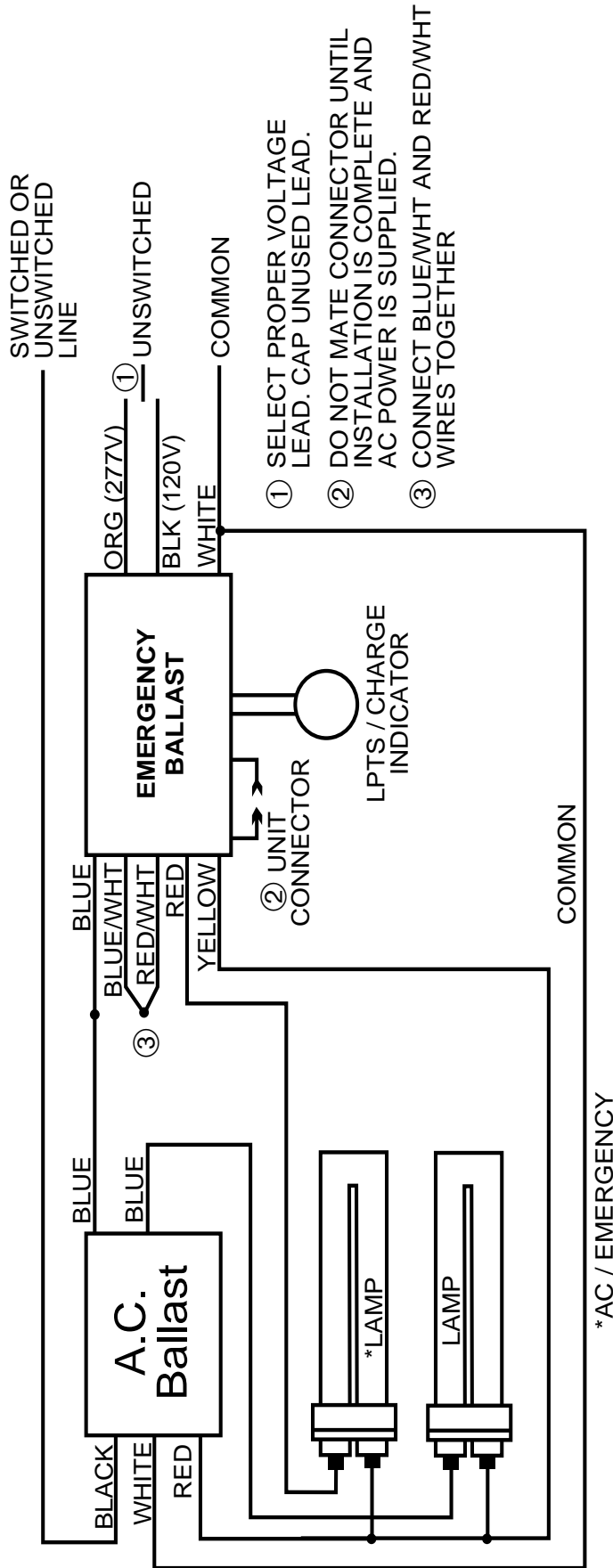
MOTOROLA

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

2LISBX

TWO BIAX LAMP INSTANT START BALLAST

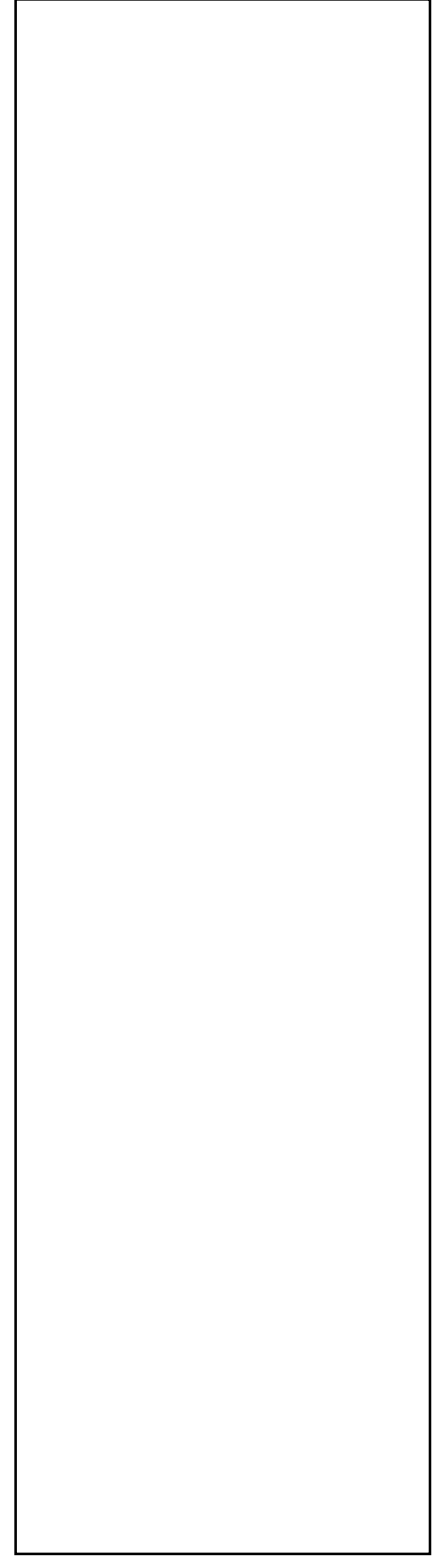
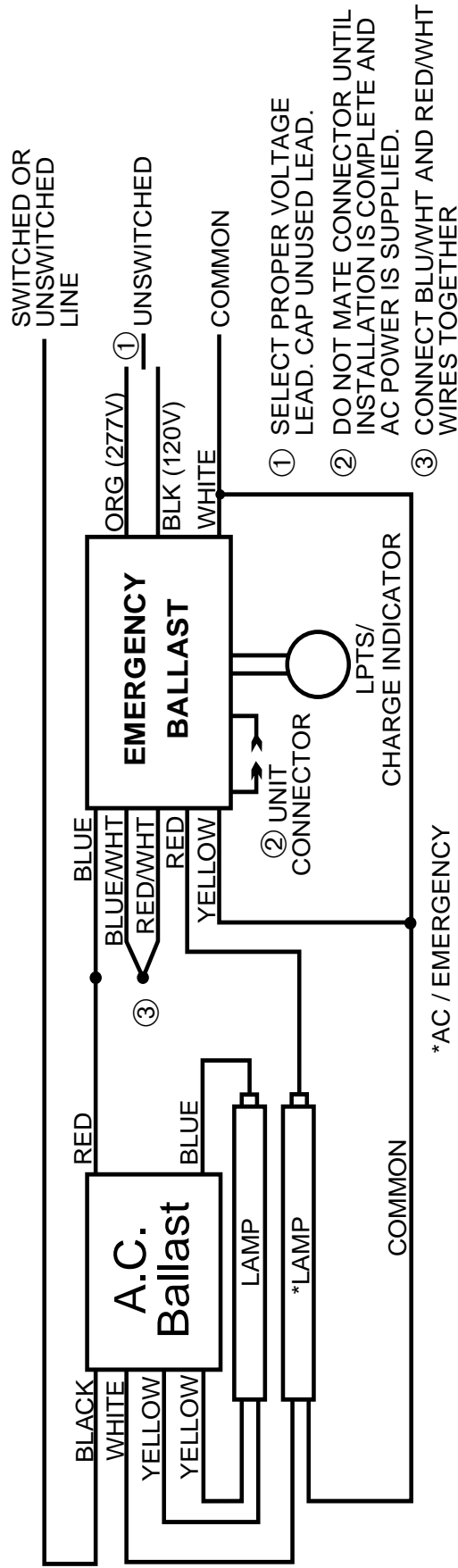


MAGNETEK
B232I120/277HP
B232I120/277RH
MOTOROLA
M2-IL-T8-GP-120/277
M2-IN-T8-D-120/277
M2-IN-T8-1LL-D-120/277
M2-IN-T8-GP-120/277

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

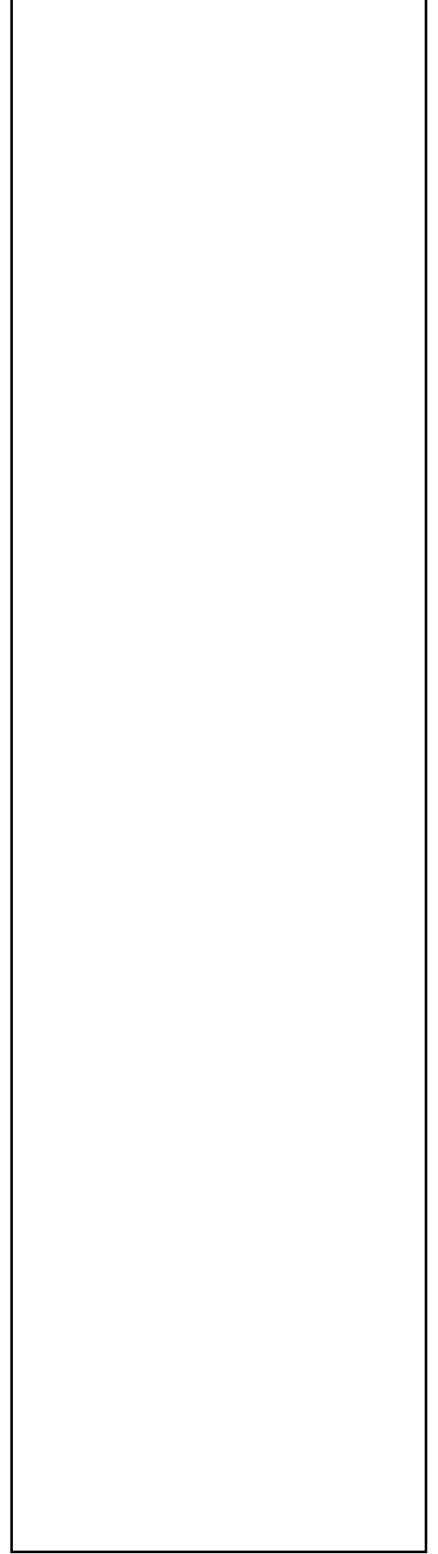
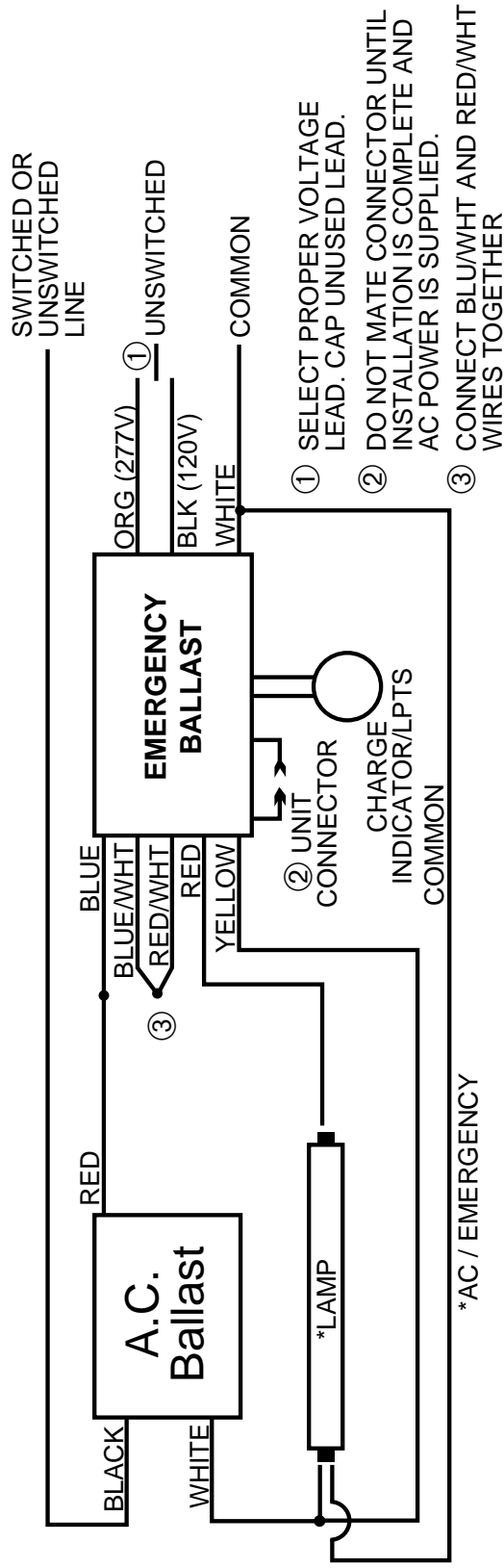
2LMB

TWO LAMP BALLAST

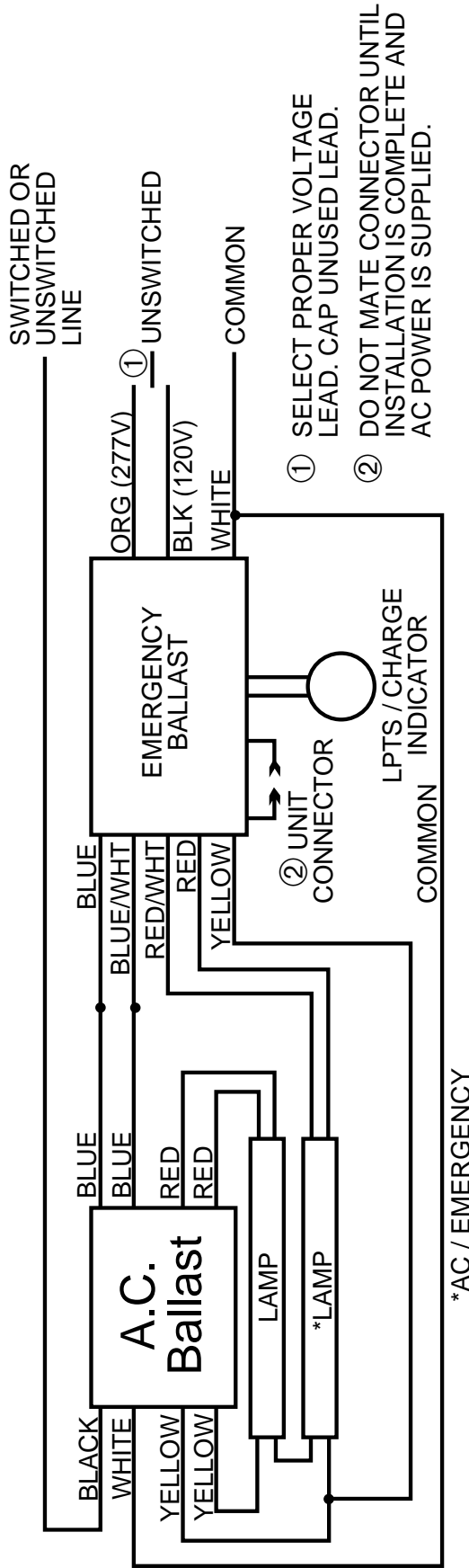


1LMB

ONE LAMP MAGNETIC BALLAST



TWO LAMP RAPID START BALLAST



MAGNETEK

BT5-228/120
BT5-228/277

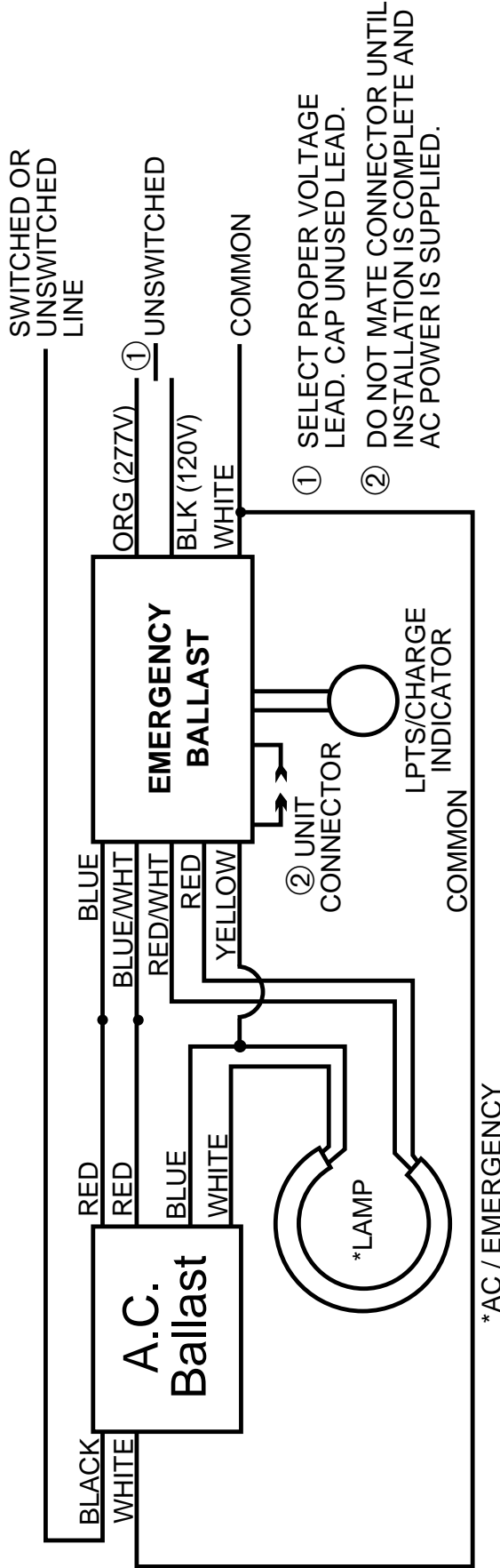
SYLVANIA

QT2X54PHO/120PHO
QT2X54PHO/277PHO

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

1LCRSB

ONE LAMP CIRCLINE RAPID START BALLAST



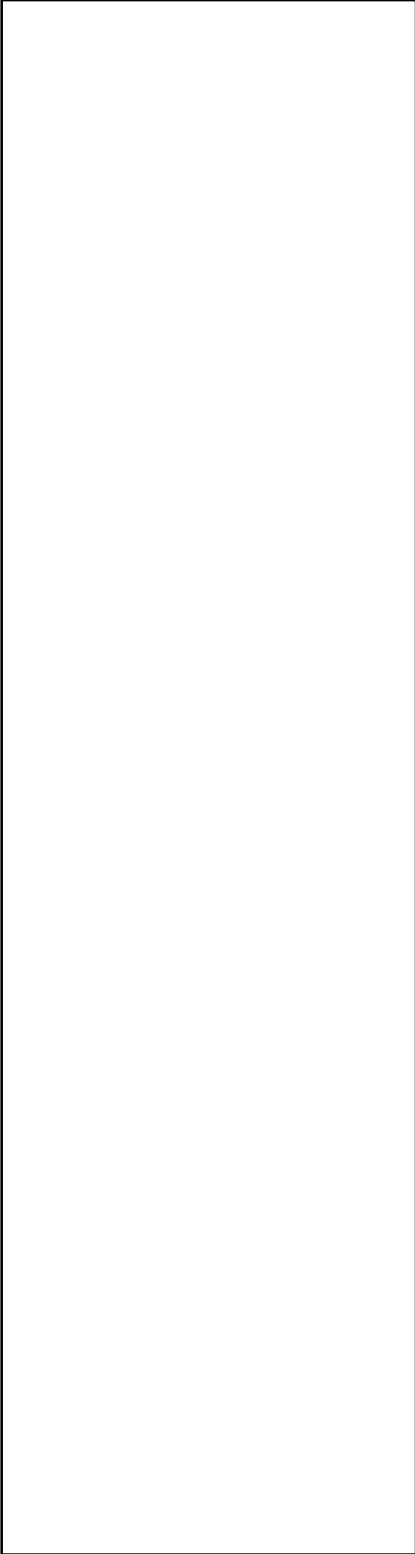
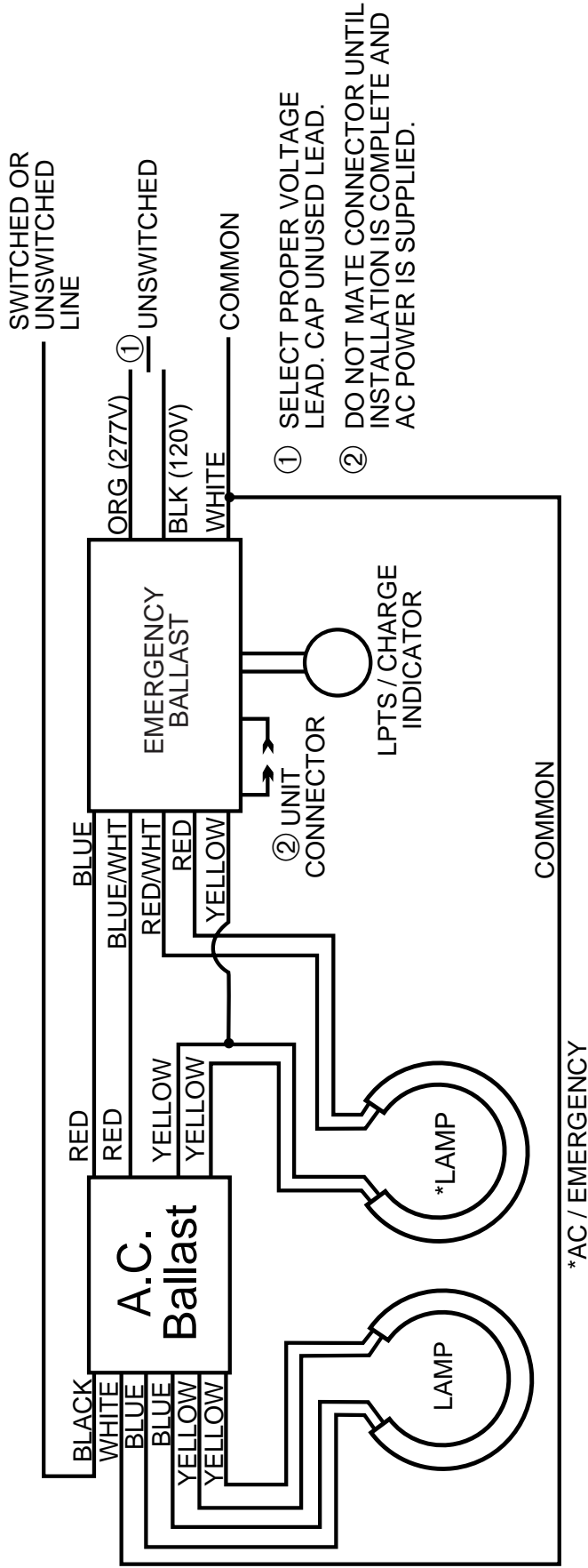
ADVANCE

RLCS-140-TP
RLOS-122-TP

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

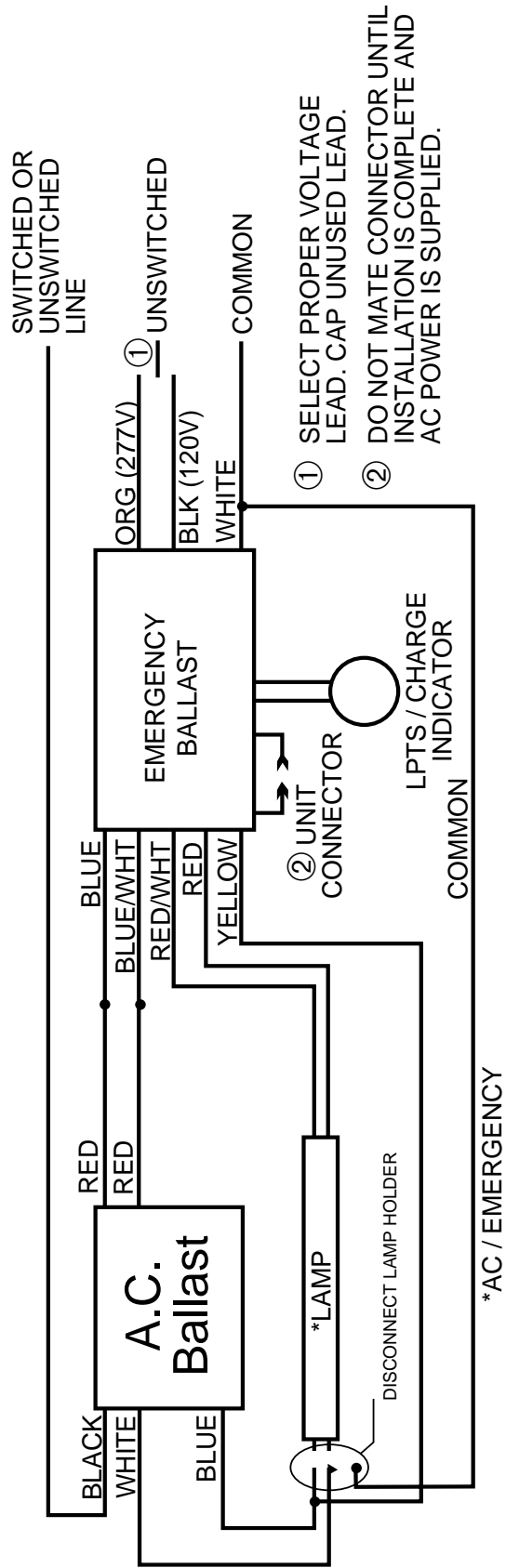
3LR5B

TWO LAMP CIRCLINE RAPID START BALLAST



1LLAG

ONE LAMP LAG BALLAST



ADVANCE

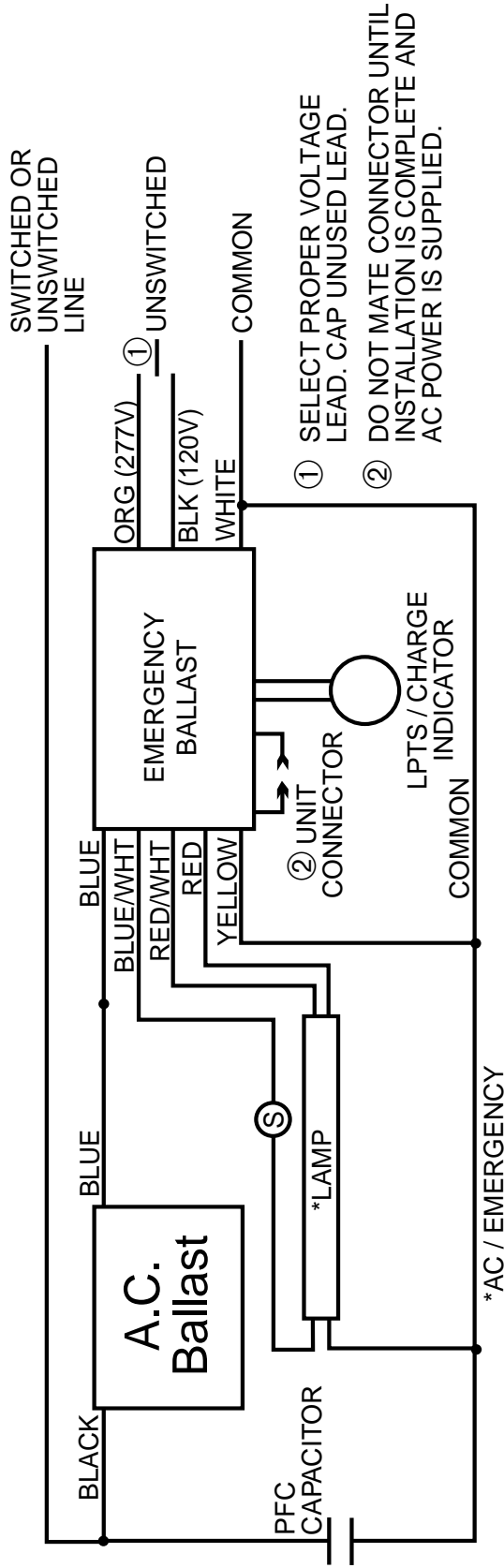
RL-140-TP

MAGNETEK

543-B

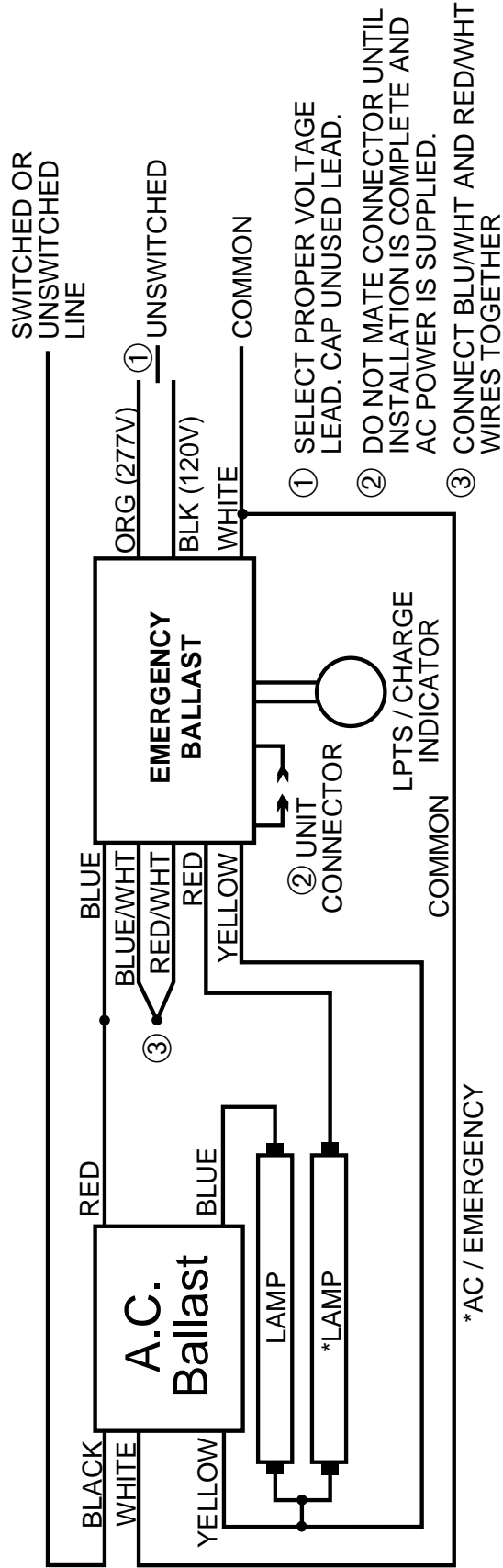
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
 *DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

ONE LAMP PRE-HEAT START BALLAST



2ESLISB2

ENERGY SAVINGS TWO LAMP INSTANT START BALLAST



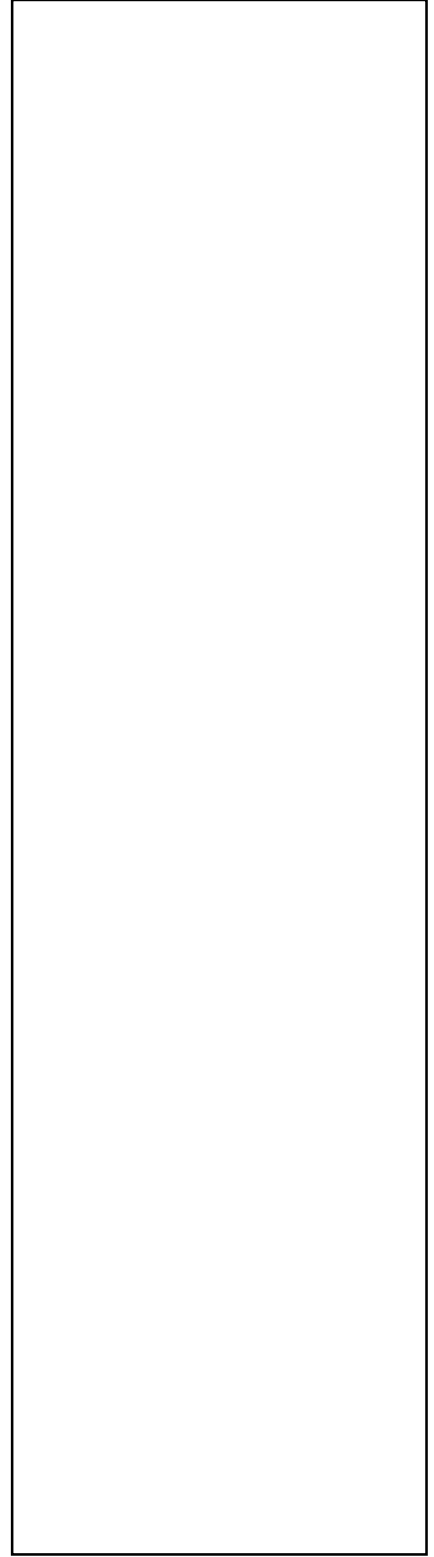
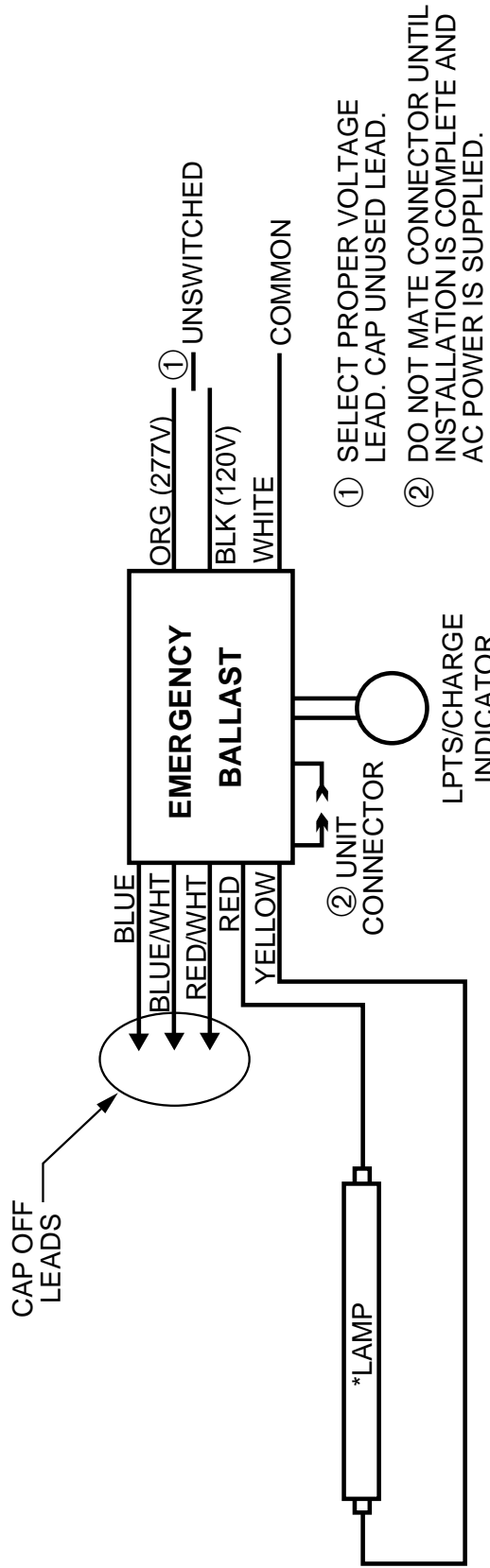
ENERGY SAVINGS

ES-2/I-1B-32/25/17/15-UNV-A-IS

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

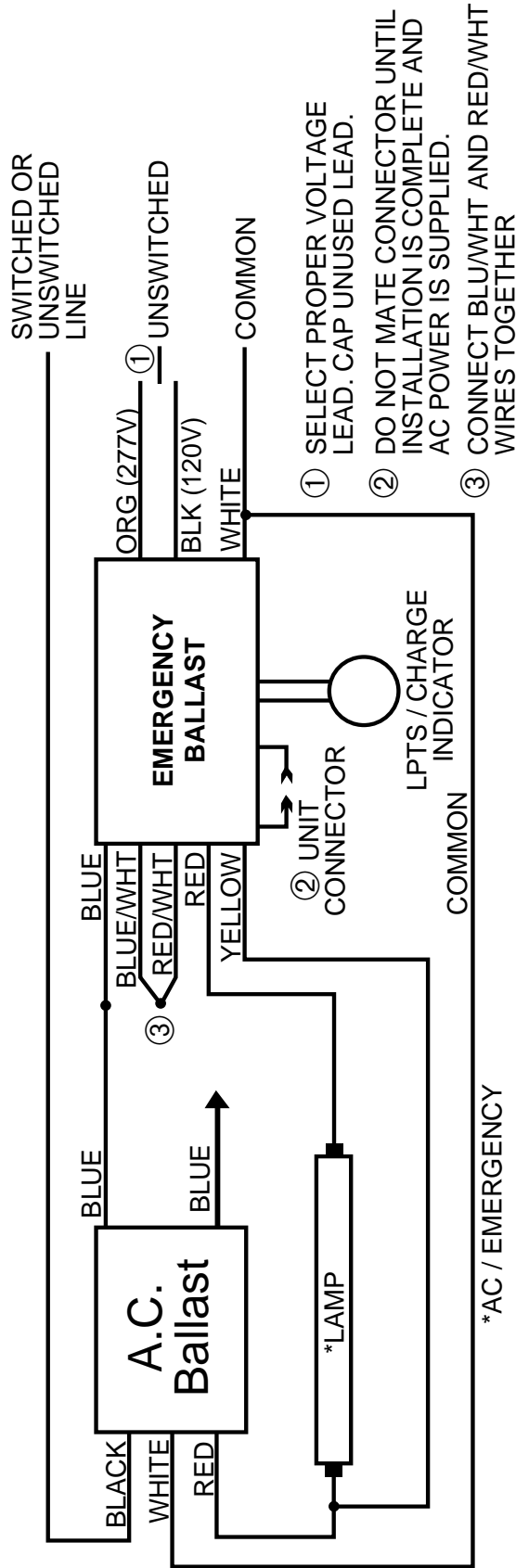
1LEO

ONE LAMP EMERGENCY ONLY



1LTB

ONE LAMP TRIAD BALLAST



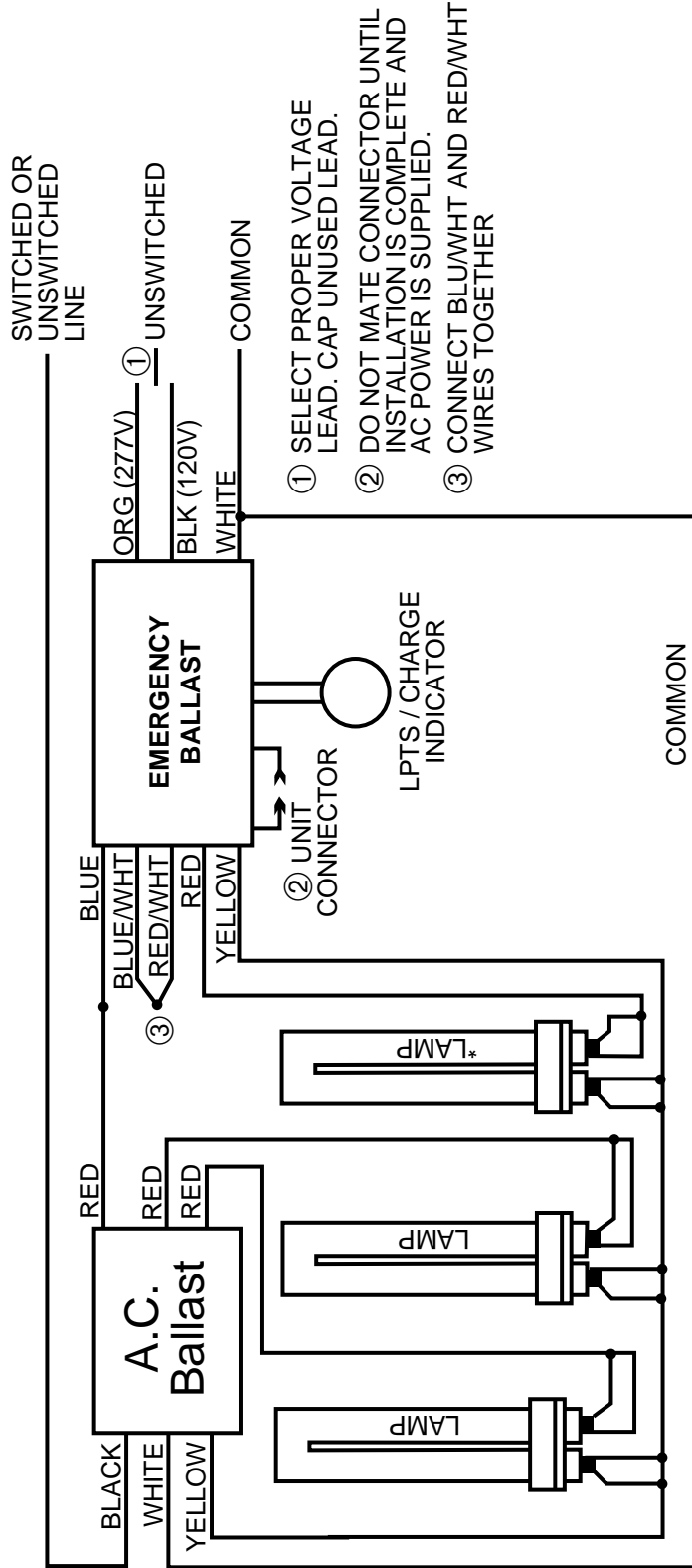
TRIAD

B240I 120/277

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

FWB

FULHAM WORKHORSE BALLAST



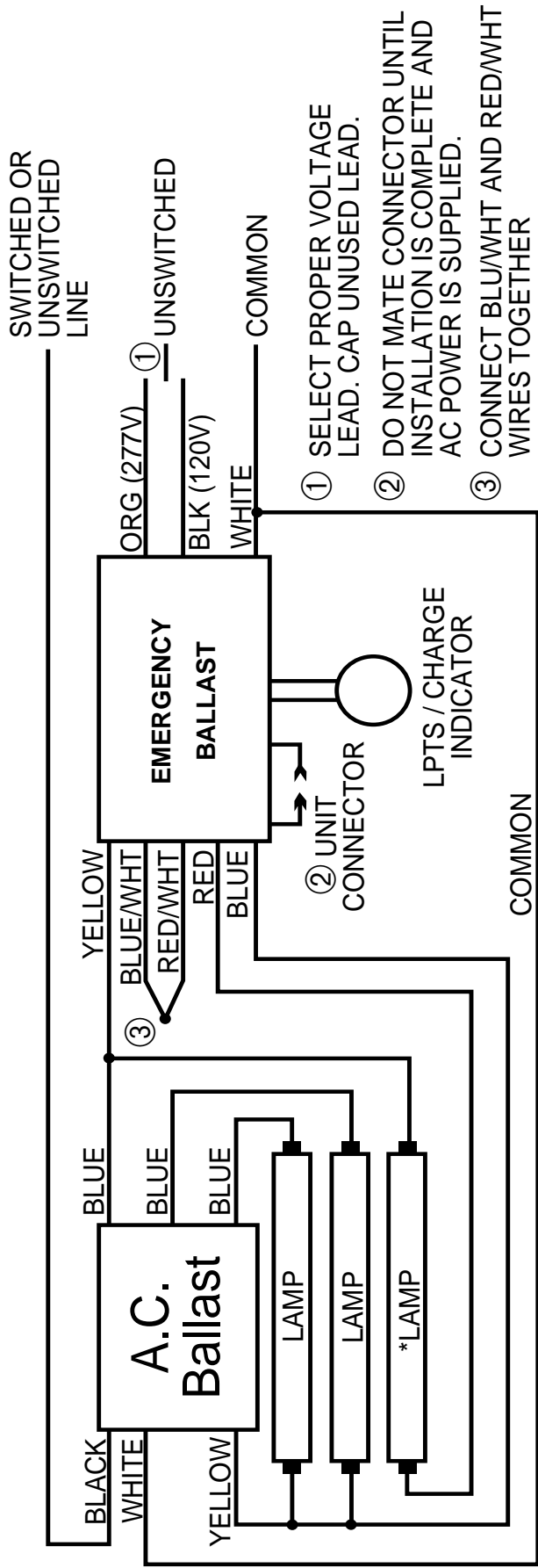
- ① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
- ② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
- ③ CONNECT BLU/WHT AND RED/WHT WIRES TOGETHER

FULHAM

- WH4-120-L
- WH4-277-L
- WH5-120-L
- WH5-277-L
- WH6-120-L
- WH6-277-L

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

THREE LAMP INSTANT START BALLAST

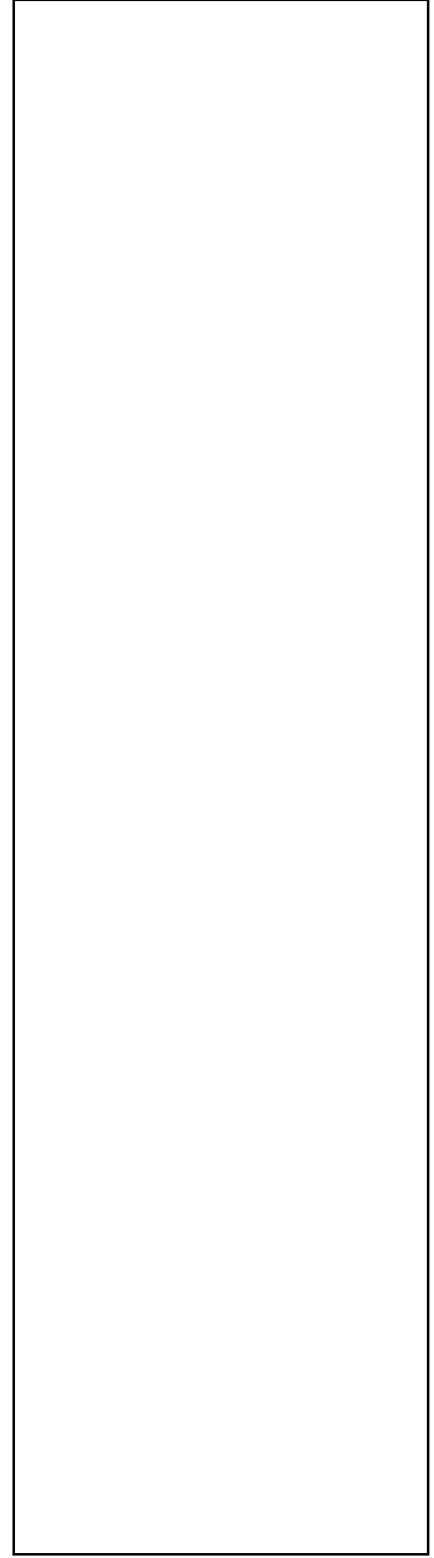
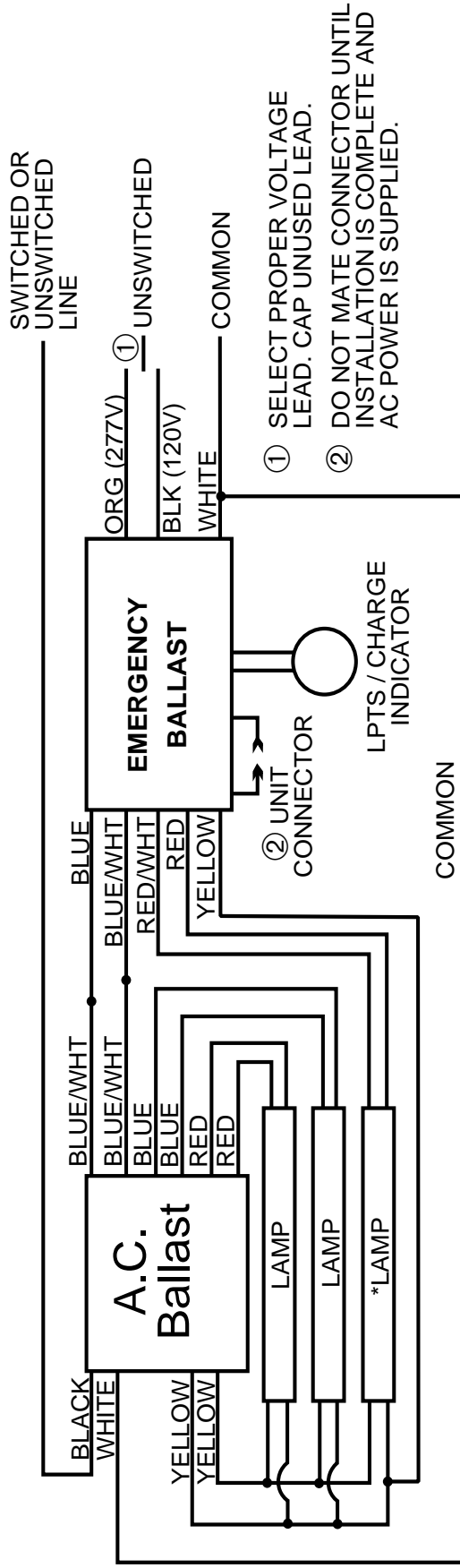


ADVANCE
VCN 3P32

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

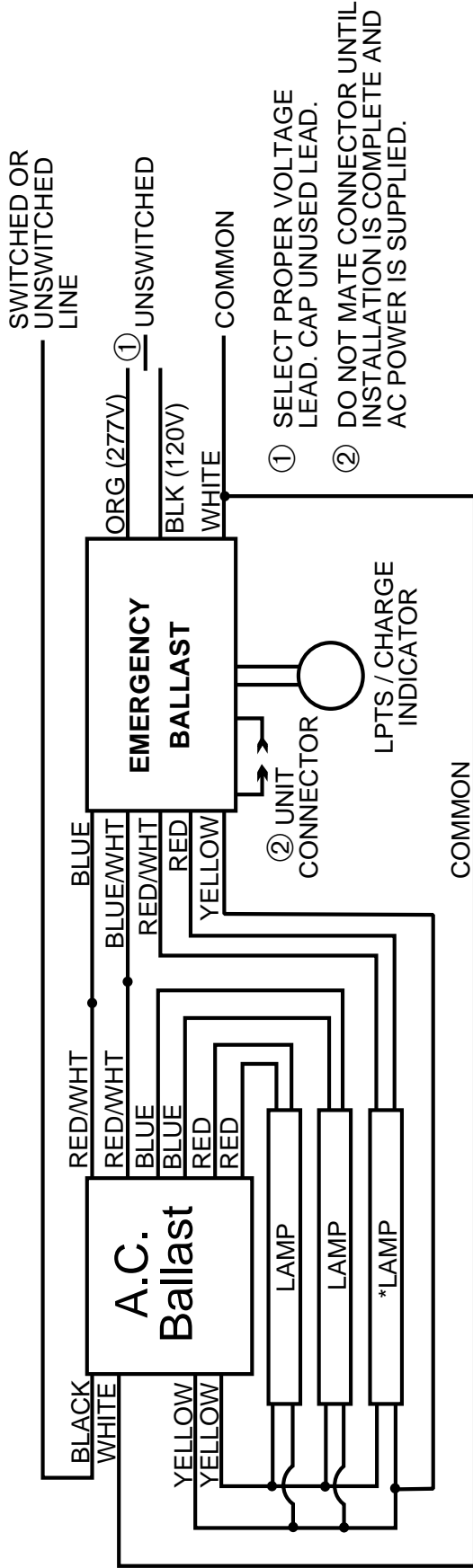
3LRSB2

THREE LAMP RAPID START BALLAST



3LR5B3

THREE LAMP RAPID START BALLAST

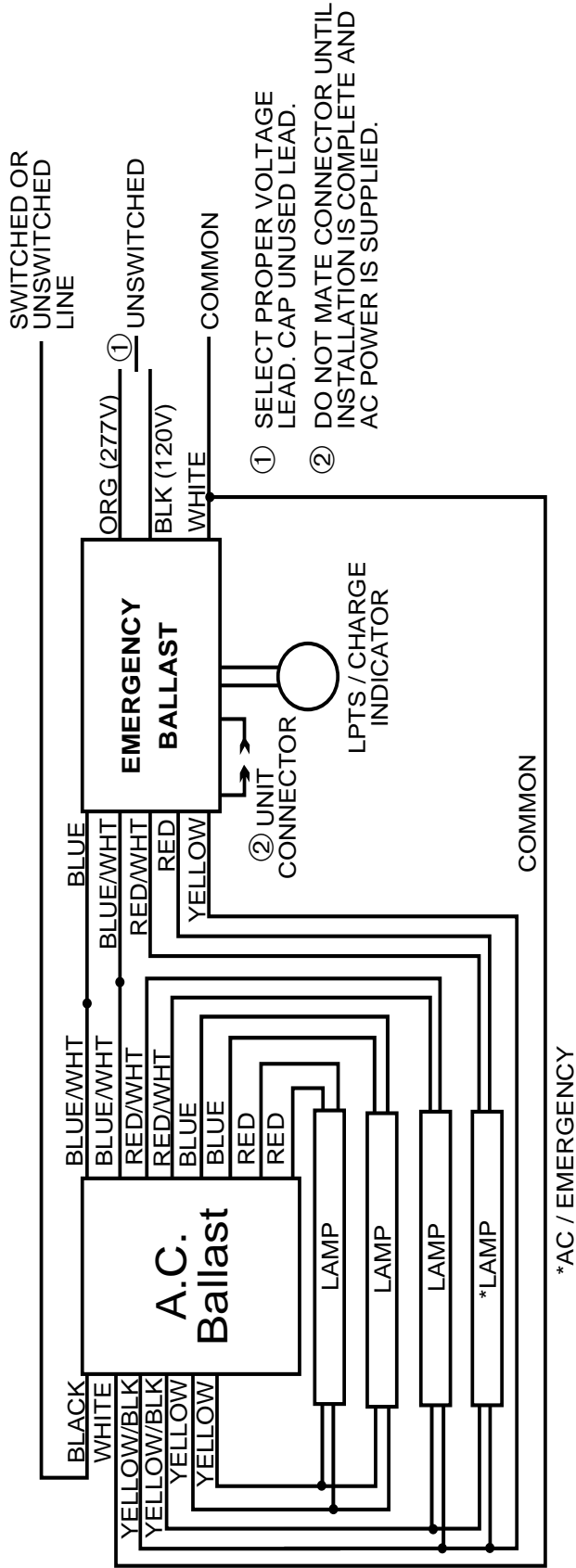


MAGNETEK
 B332-R277HP
 B332-R120HP

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

4LRSB2

FOUR LAMP RAPID START BALLAST



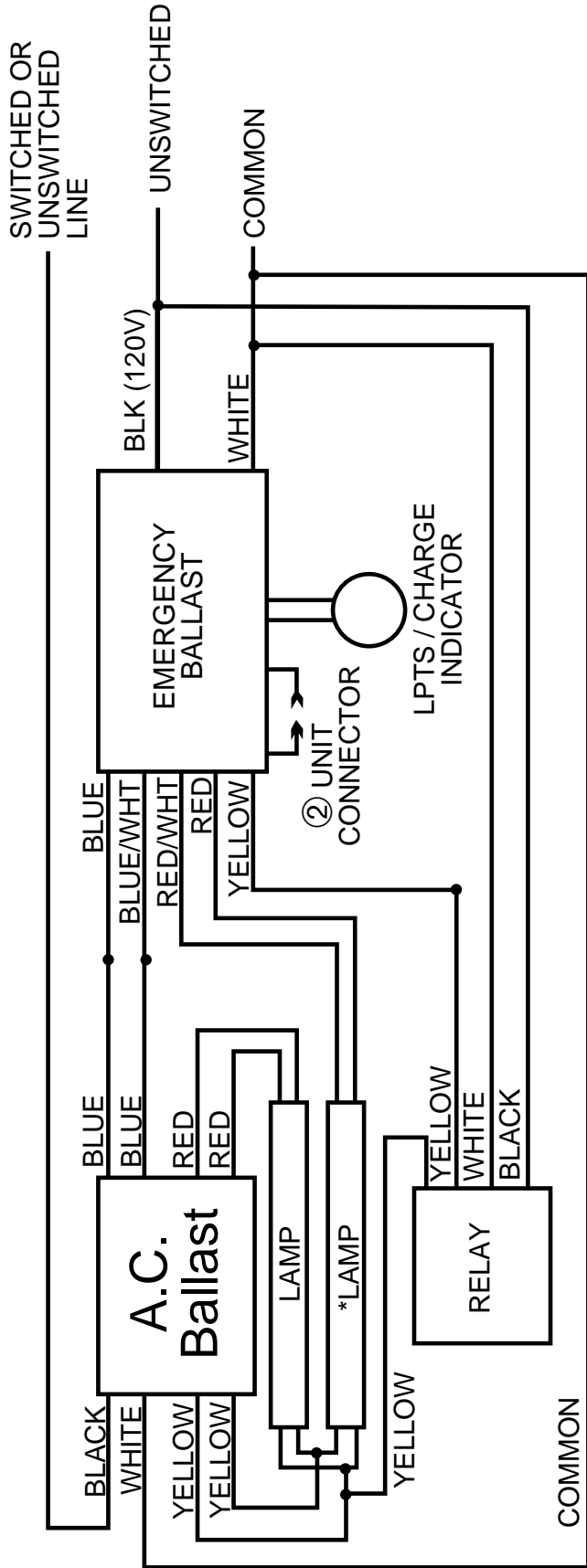
MAGNETEK

B432 R277 HP

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

2LRSBWR

TWO LAMP RAPID START BALLAST WITH RELAY



*AC / EMERGENCY

ADVANCE

RIC/MIC-2S32
 REZ/VEZ-2S32
 RZT/VZT-2S32*

LUTRON

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

MAGNETEK

B232 R277 HP

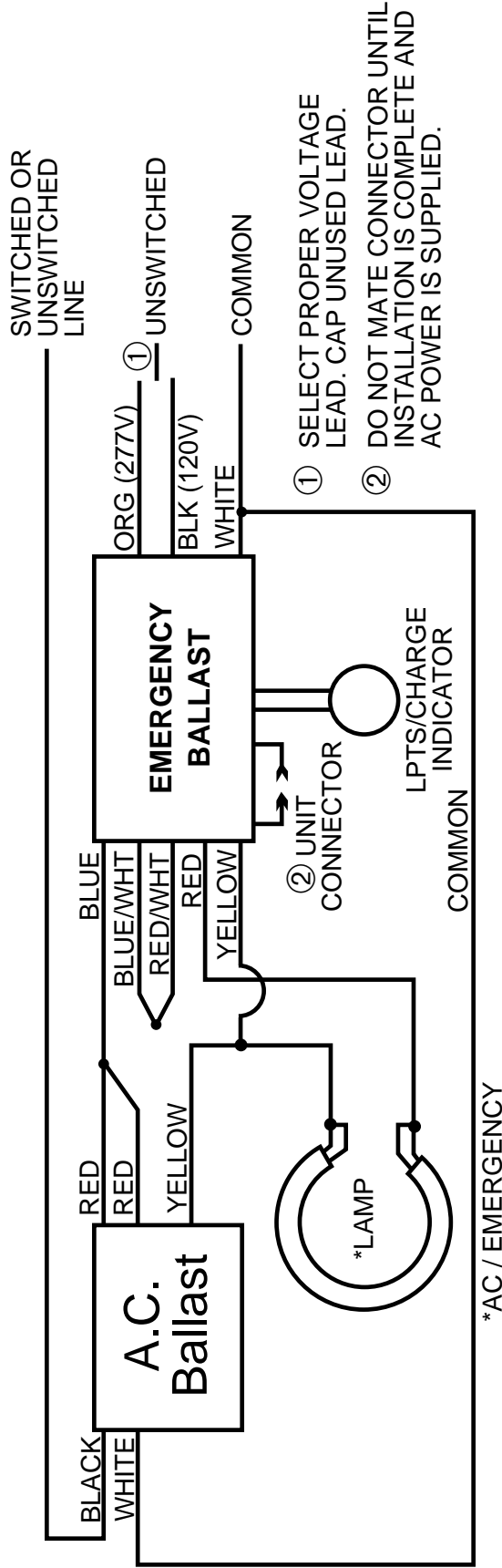
MOTOROLA

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

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

1LCISB_F

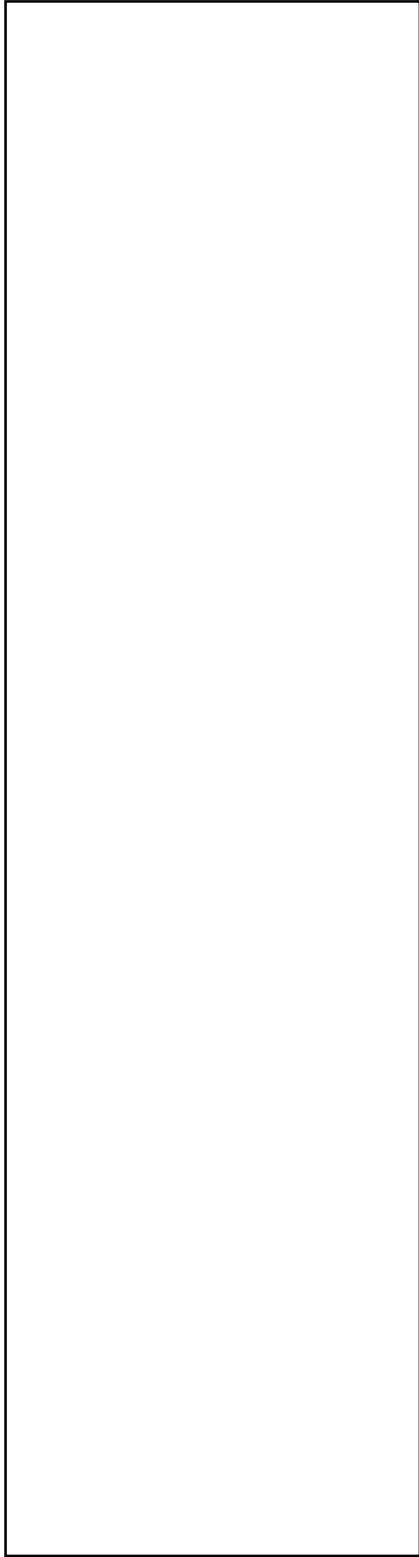
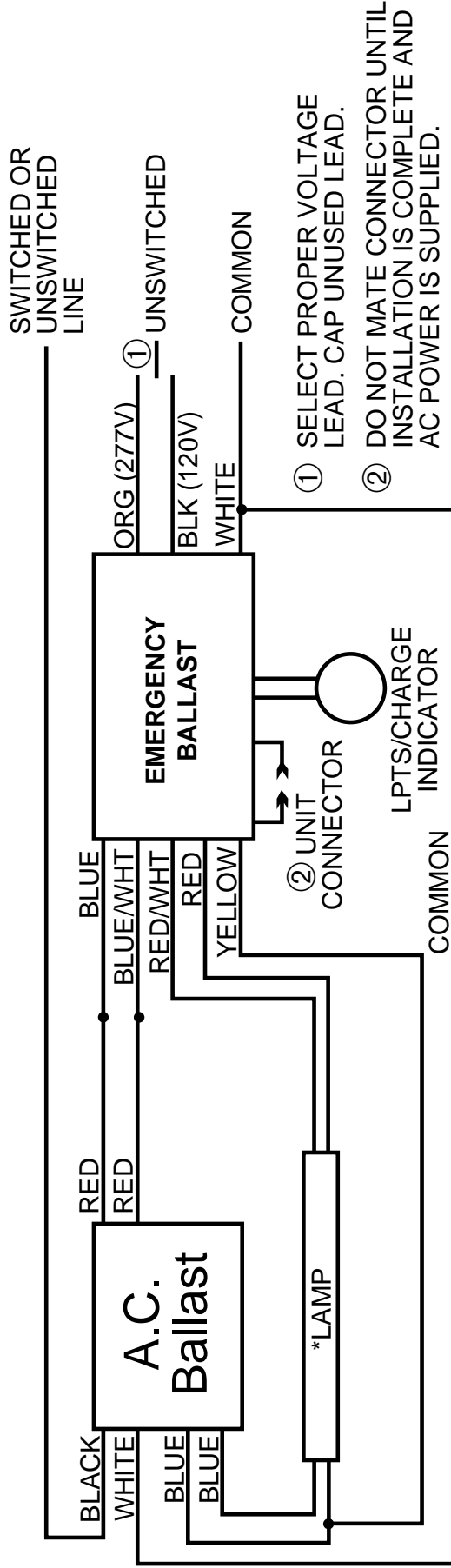
ONE LAMP CIRCLINE INSTANT START BALLAST



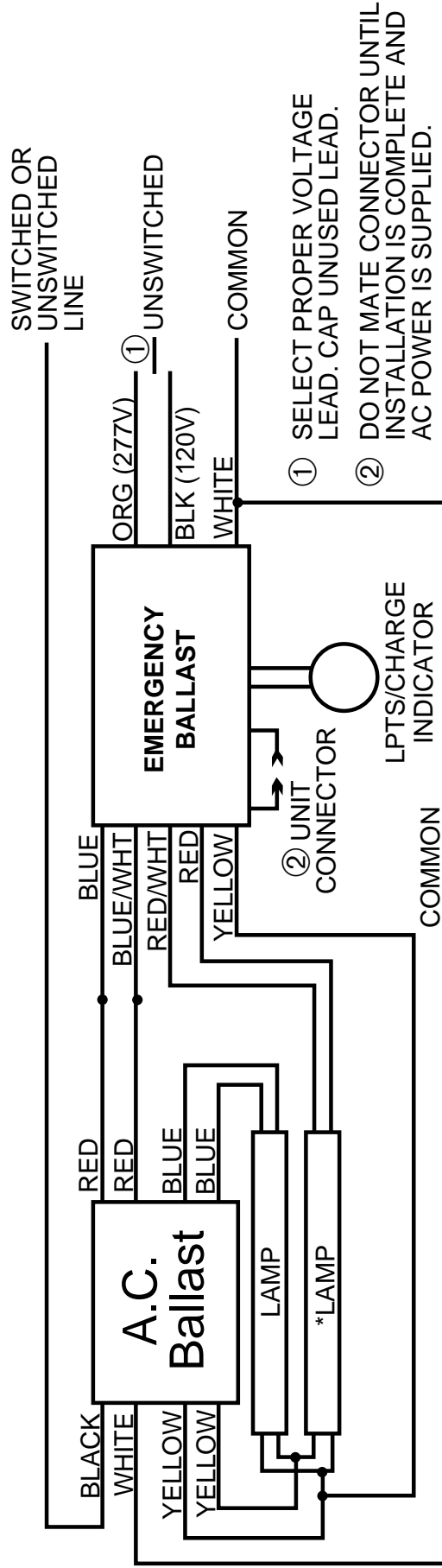
FULLHAM
WH3

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

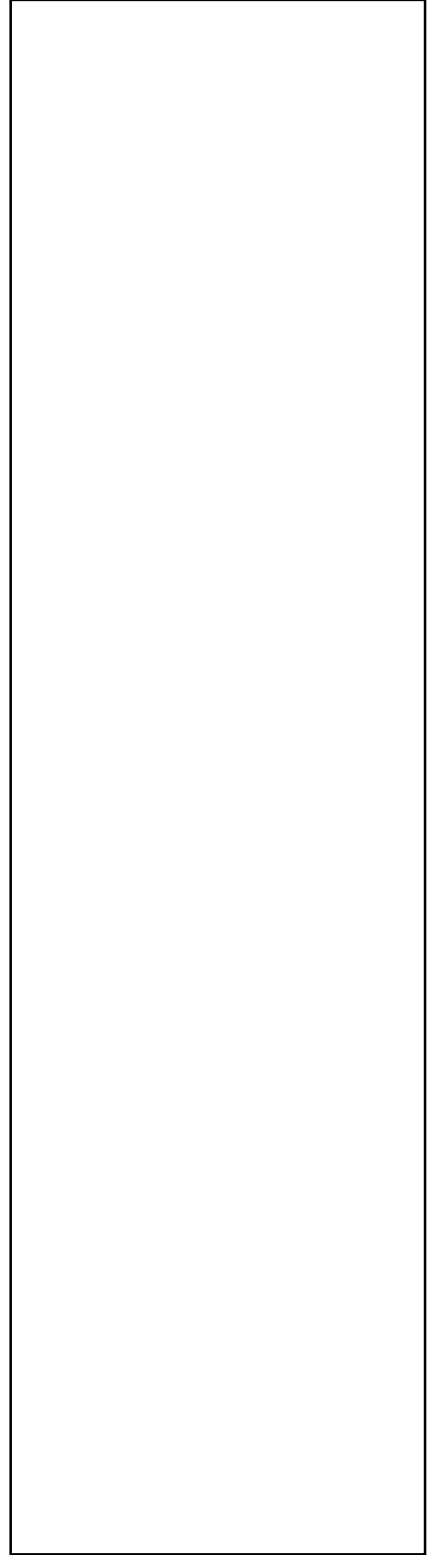
ONE LAMP RAPID START BALLAST



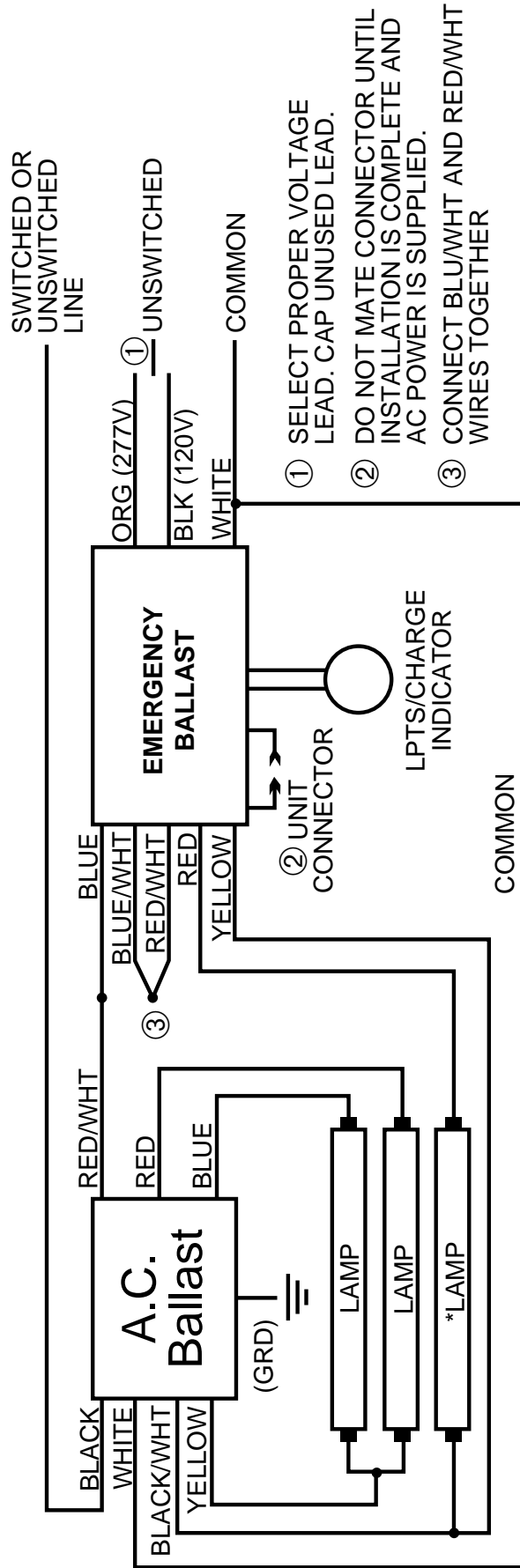
TWO LAMP RAPID START BALLAST



* AC / EMERGENCY



THREE LAMP INSTANT START BALLAST

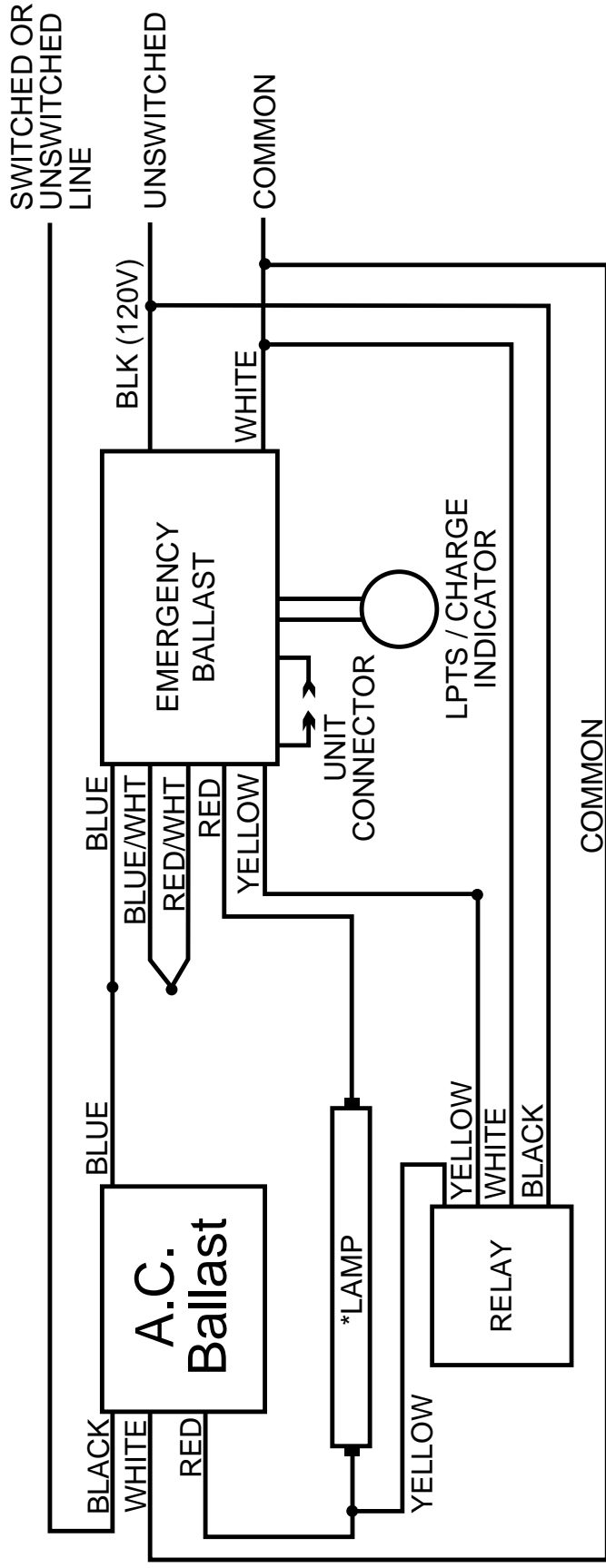


ENERGY SAVINGS

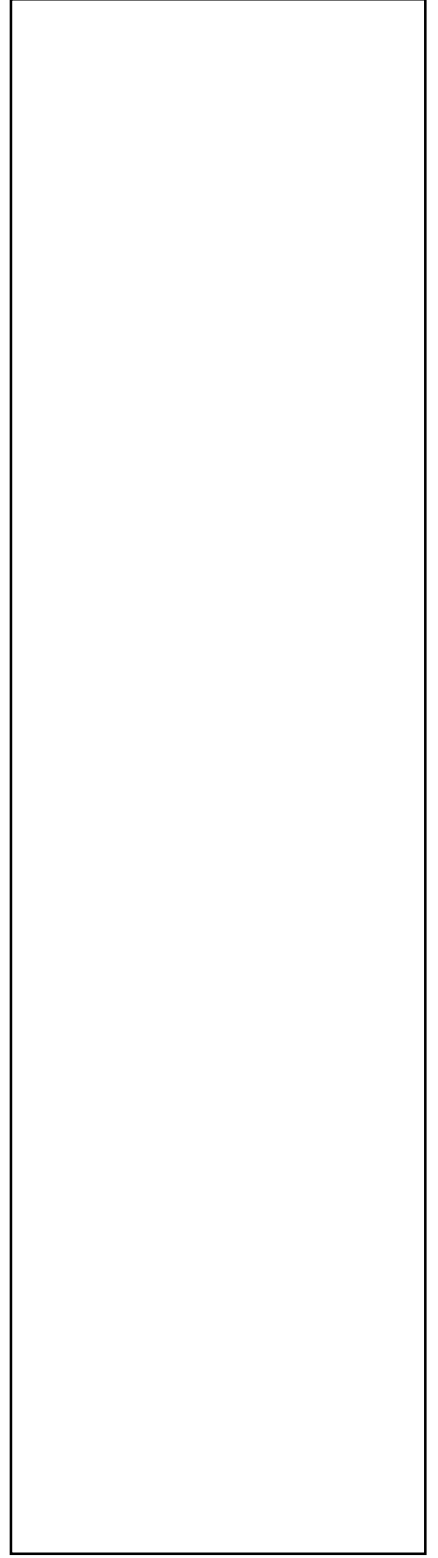
ES-4/3-T8-32/25/17-UNV-B-IS

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

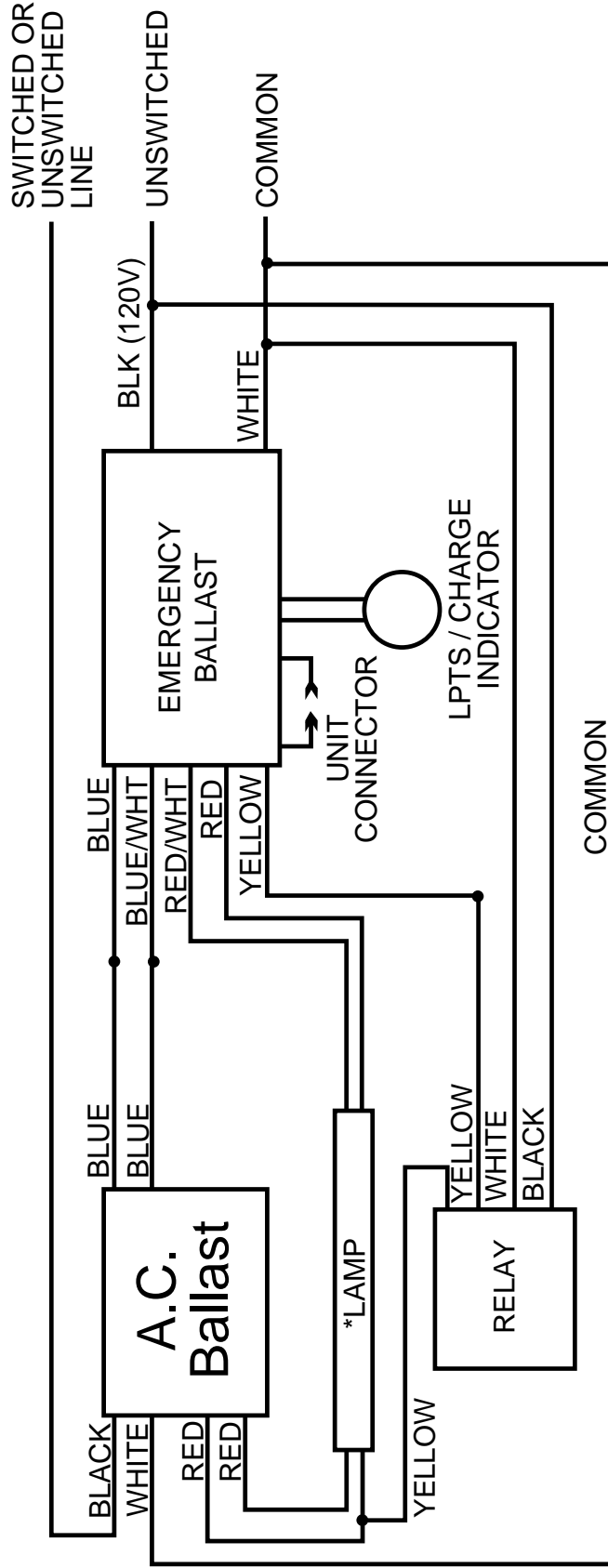
ONE LAMP INSTANT START BALLAST WITH RELAY



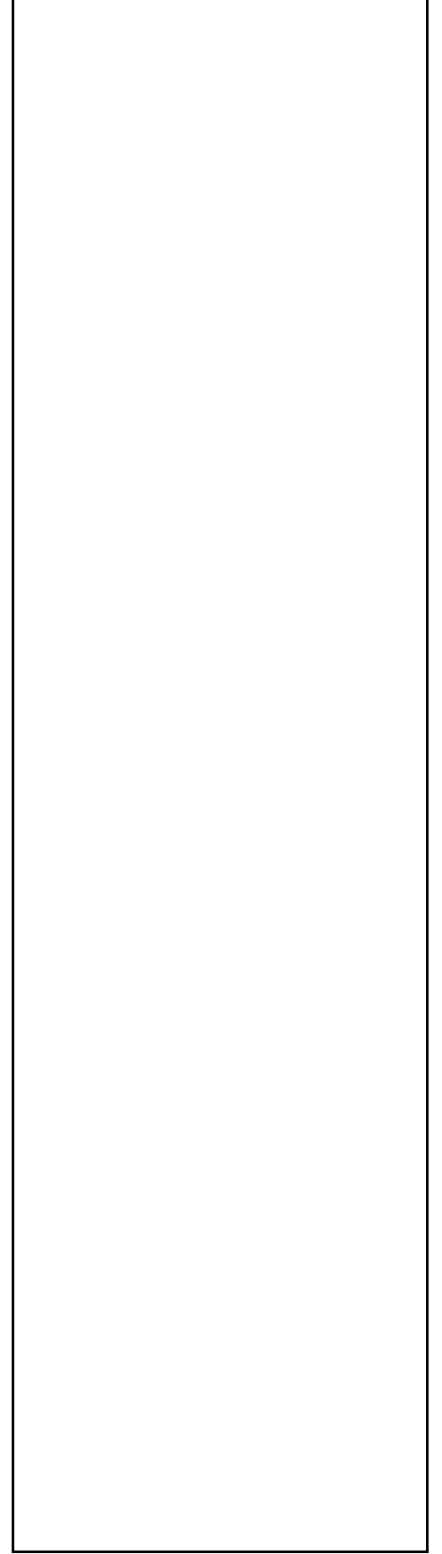
* AC / EMERGENCY



ONE LAMP RAPID START BALLAST WITH RELAY

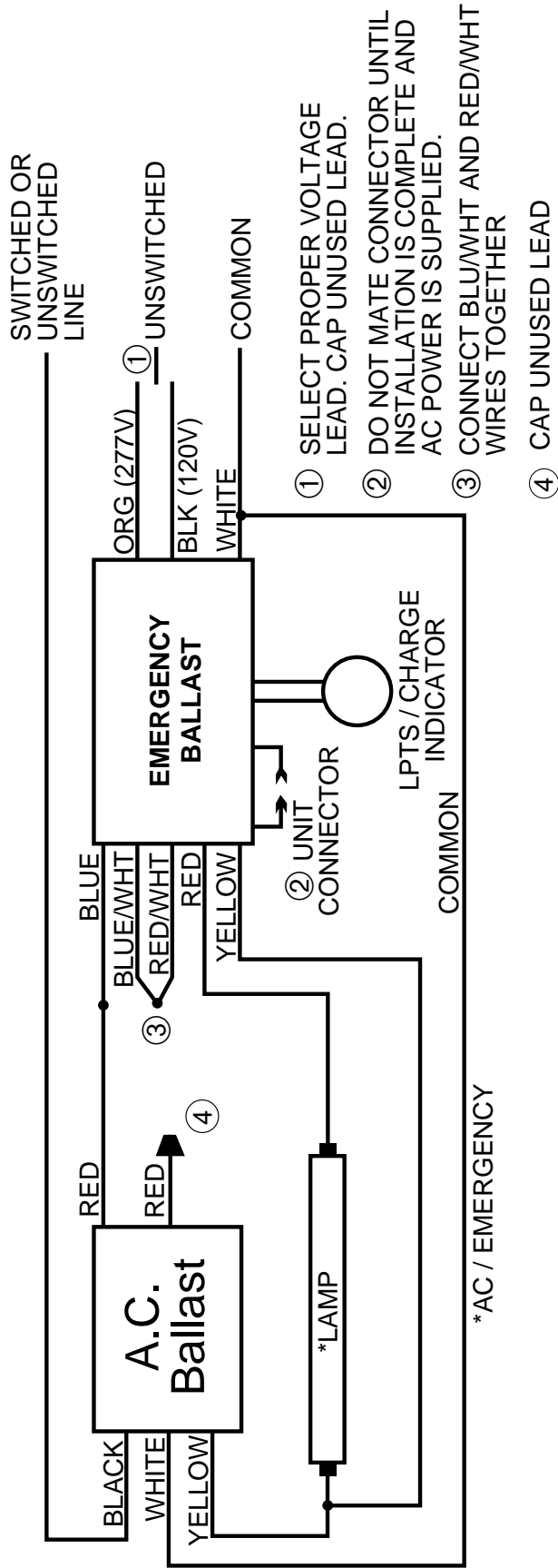


*AC / EMERGENCY



1LISB_F

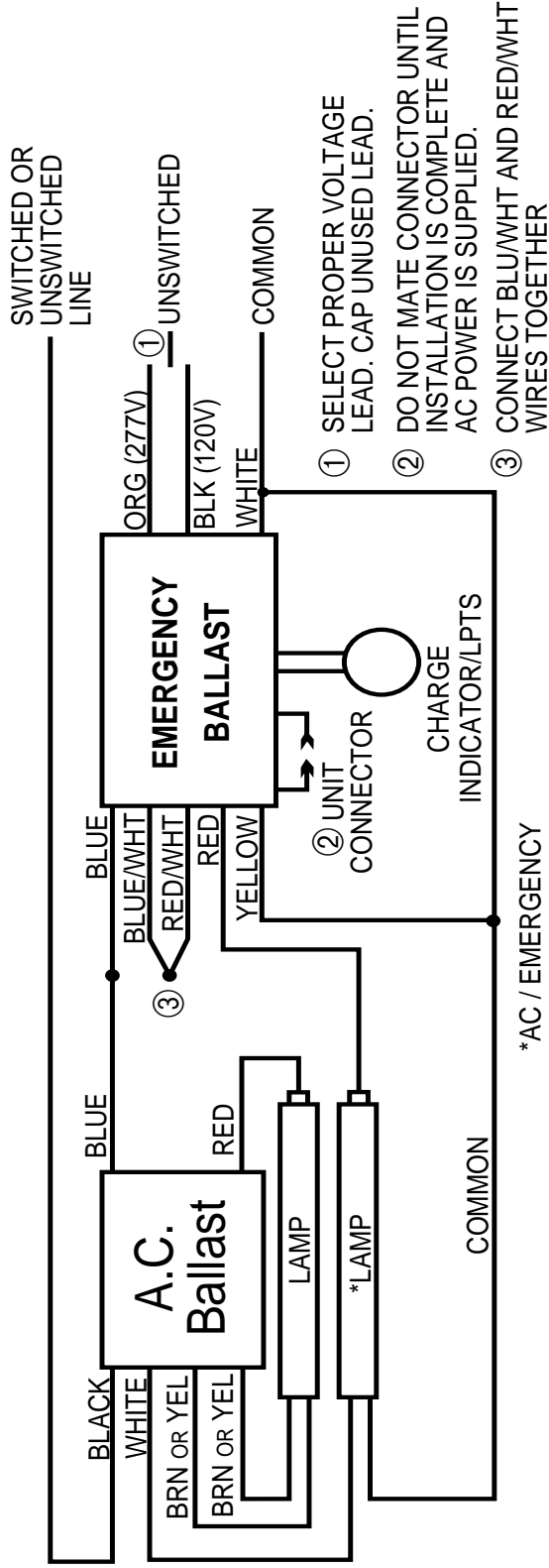
ONE LAMP INSTANT START FULLHAM BALLAST



FULLHAM
WORKHORSE IV

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

TWO LAMP SERIES LEAD BALLAST



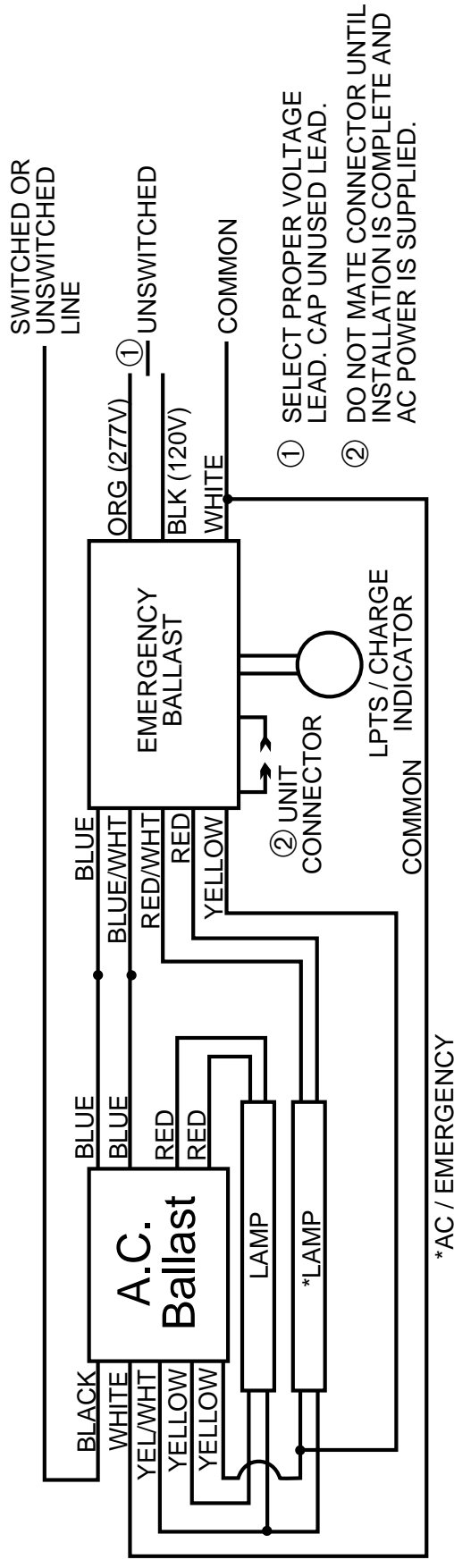
ADVANCE

VSM-2E75S5-TP

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

2LRSB3

TWO LAMP RAPID START BALLAST

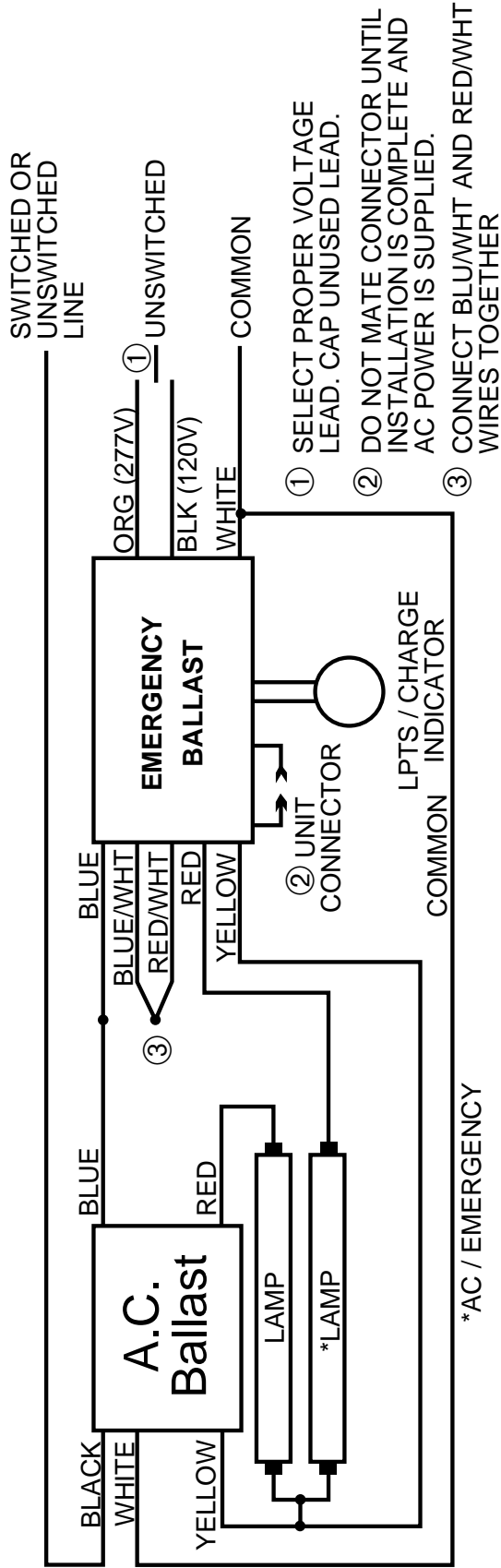


SYLVANIA
QT2X54PH0/277PH0-DIM

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

2 LISBESI

TWO LAMP INSTANT START BALLAST



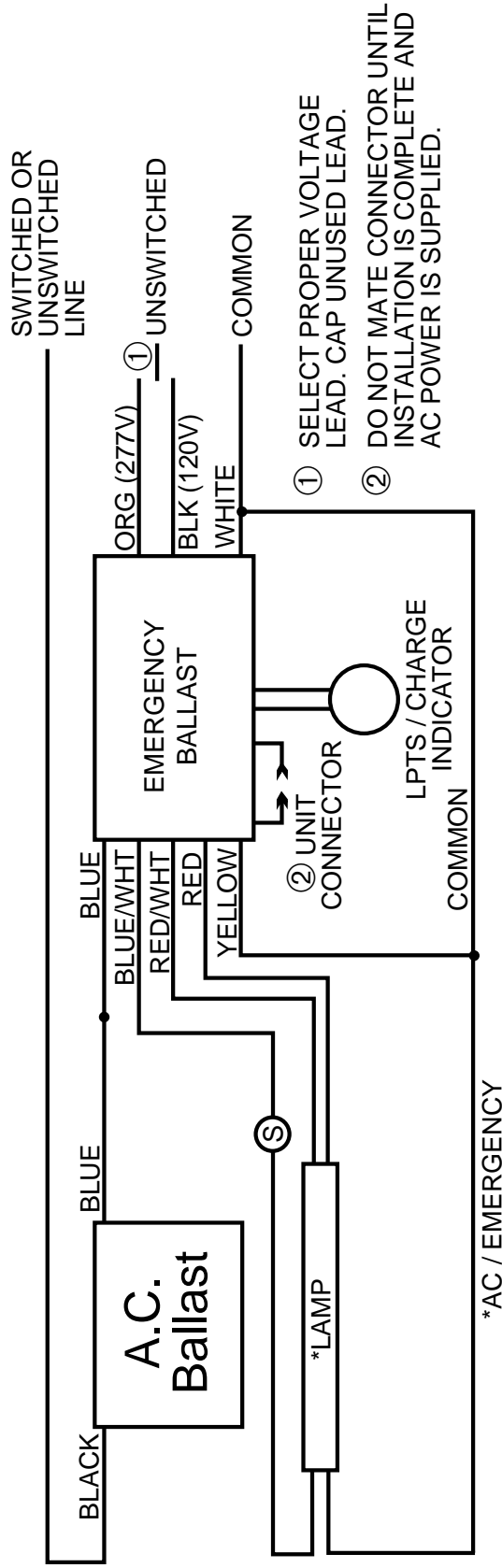
ENERGY SAVINGS

ES-2/1-T8-32/25/17/15-UNV-A-IS

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

1LPHSB_2

ONE LAMP PRE-HEAT START BALLAST

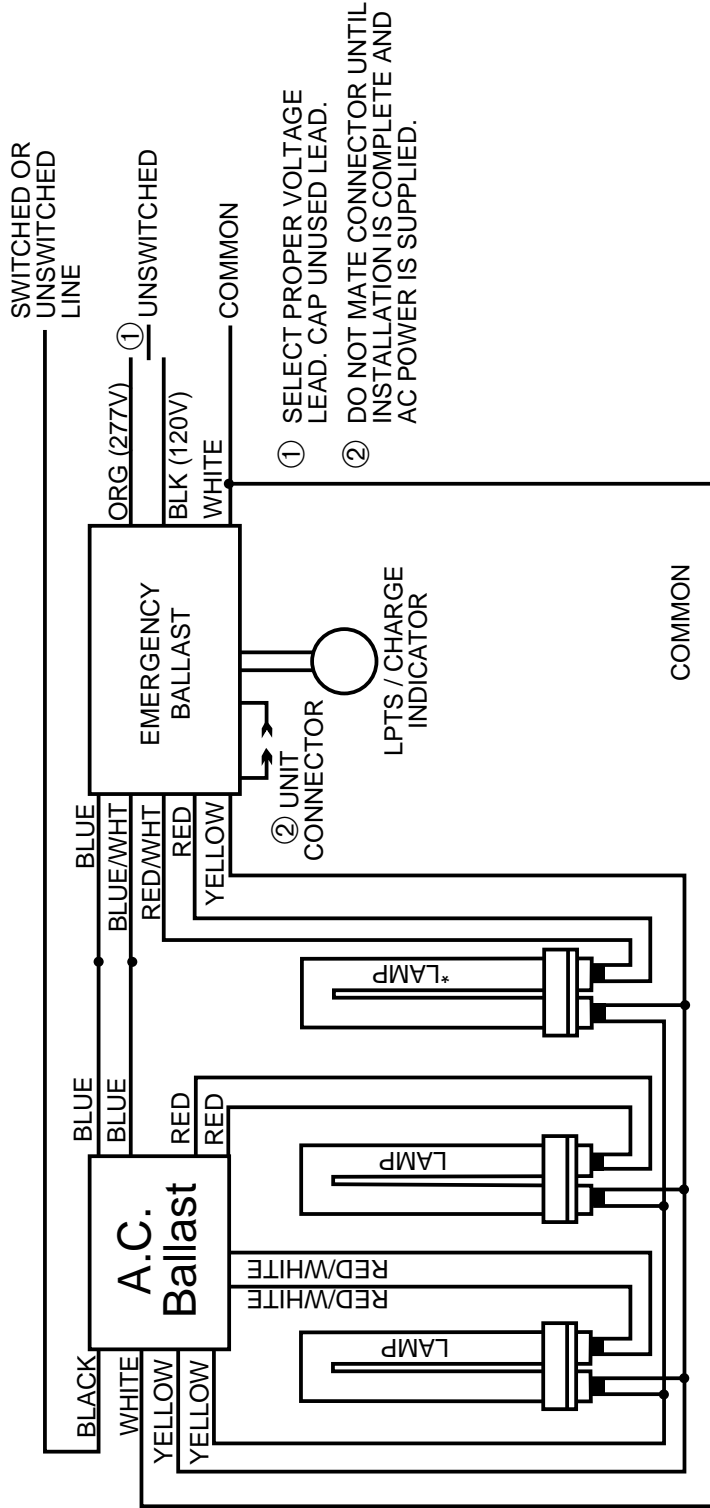


ADVANCE

LC-14-20-C

3BXLRSB

THREE BIAx RAPID START BALLAST



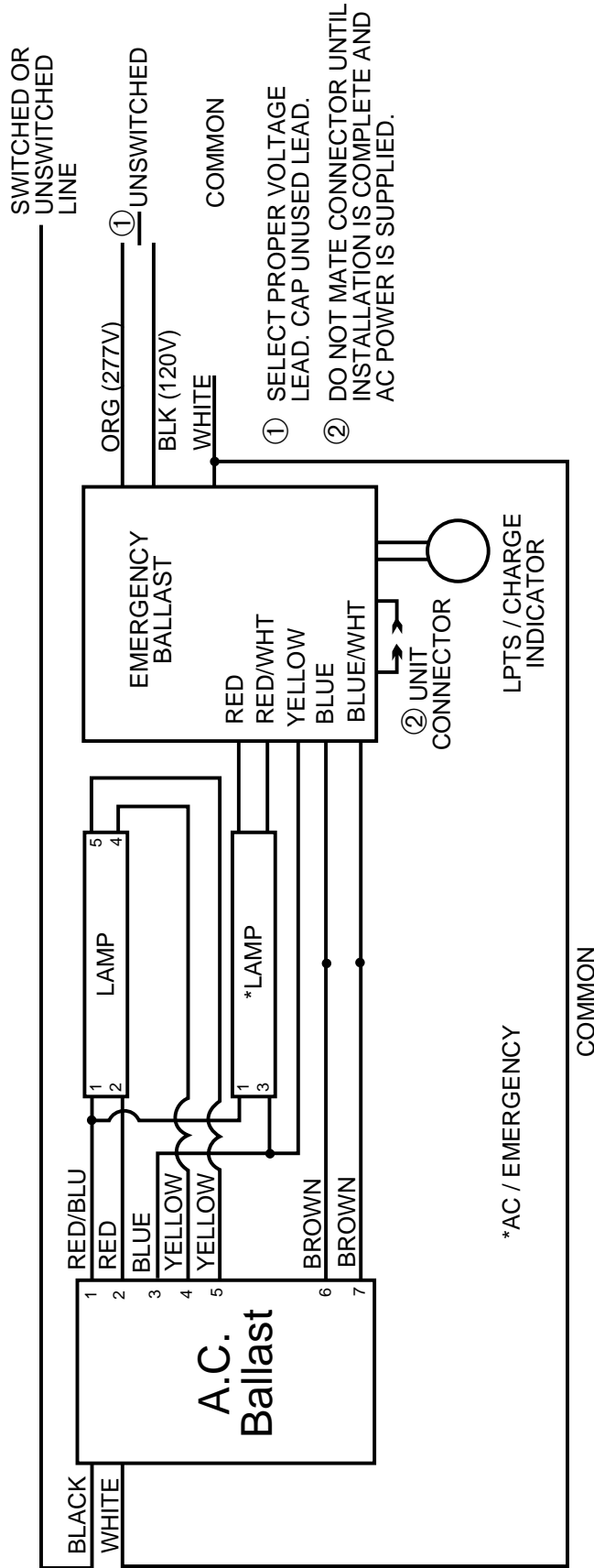
MAGNETEK

B340-R120 HP
B340-R277 HP

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

2LR5B_ACE

TWO LAMP RAPID START BALLAST



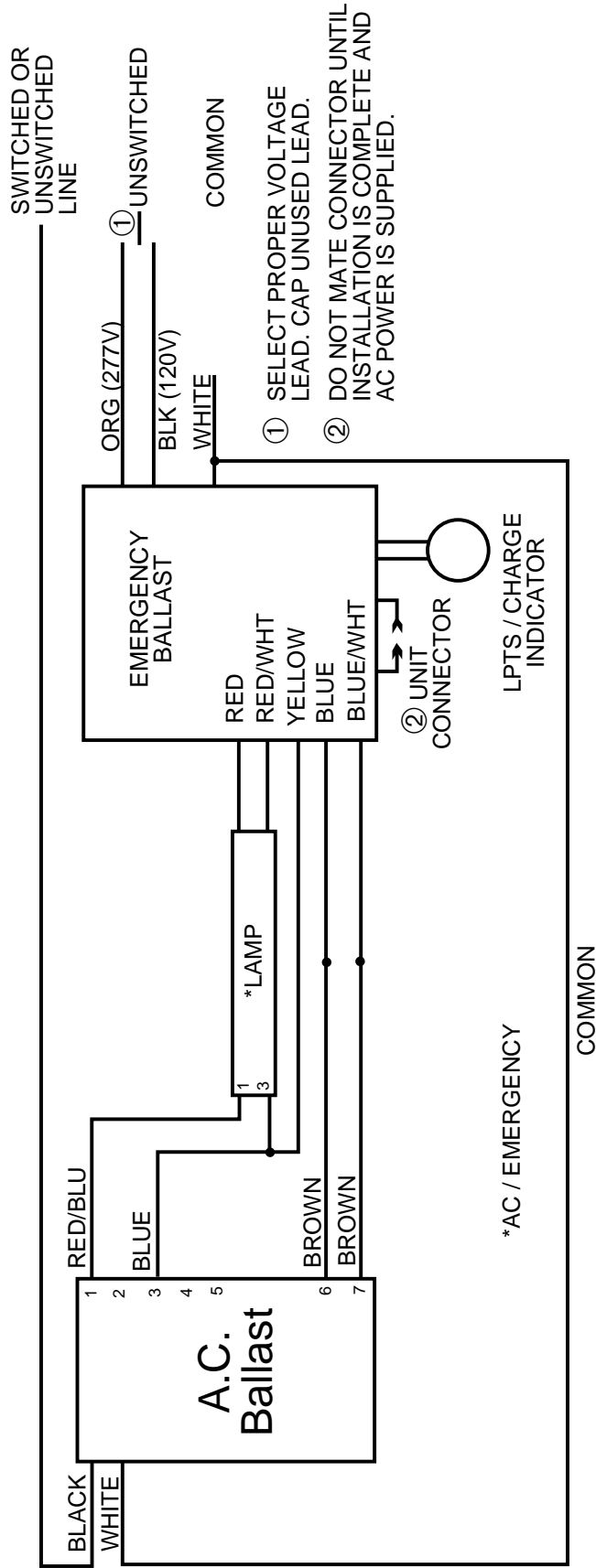
ANTRON / ACE

EPD-A54T5

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

1LR5B_ACE

ONE LAMP RAPID START BALLAST



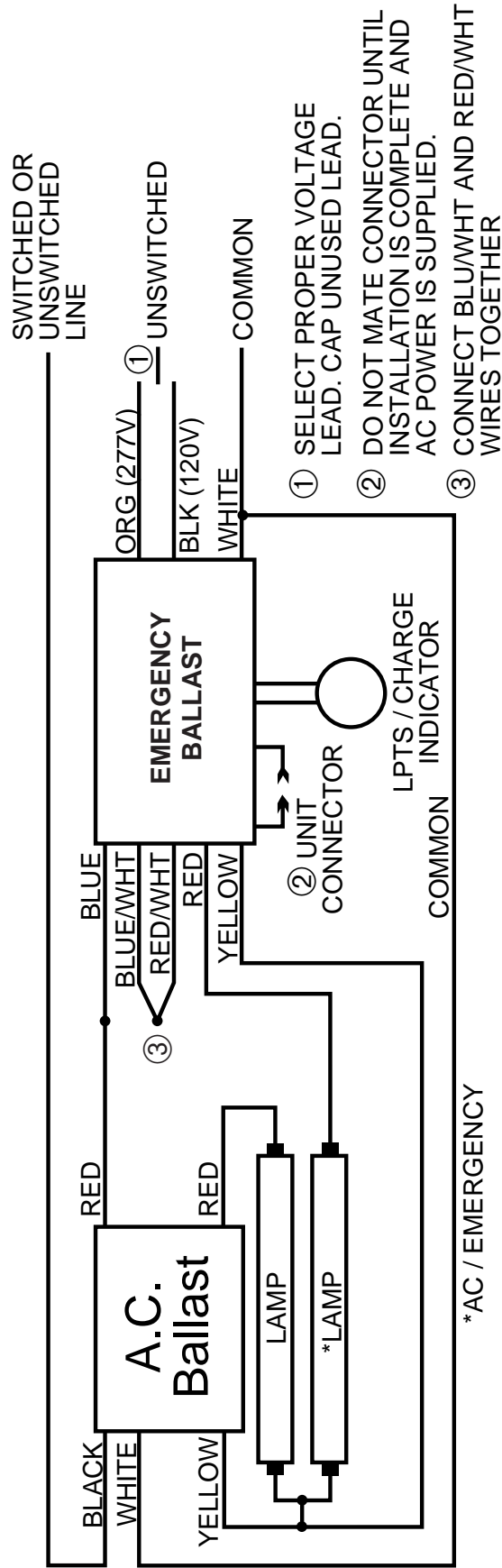
ANTRON / ACE

EPD-A54T5

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

2LISB2_F

TWO LAMP INSTANT START BALLAST



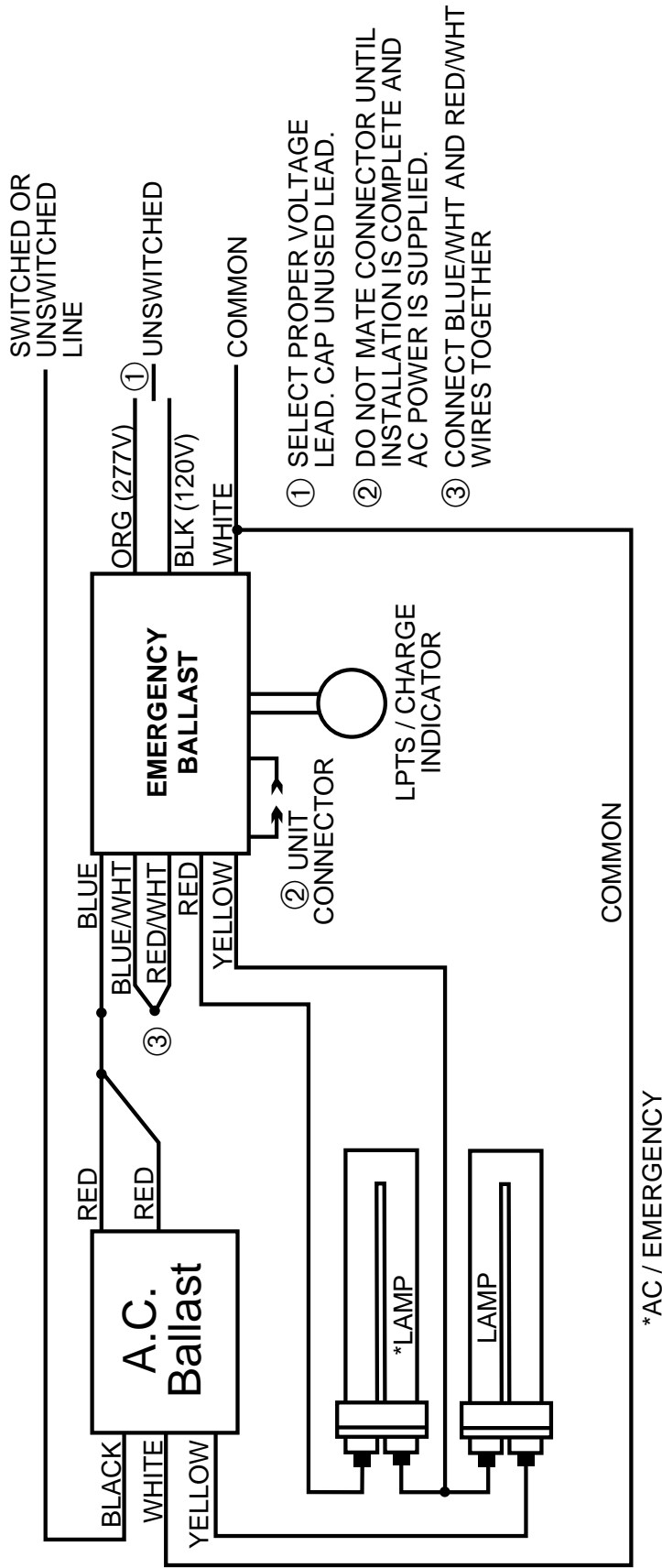
FULLHAM

WORKHORSE 3
WORKHORSE 4

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

2LISBX_FB

TWO BIAx LAMP INSTANT START FULLHAM BALLAST

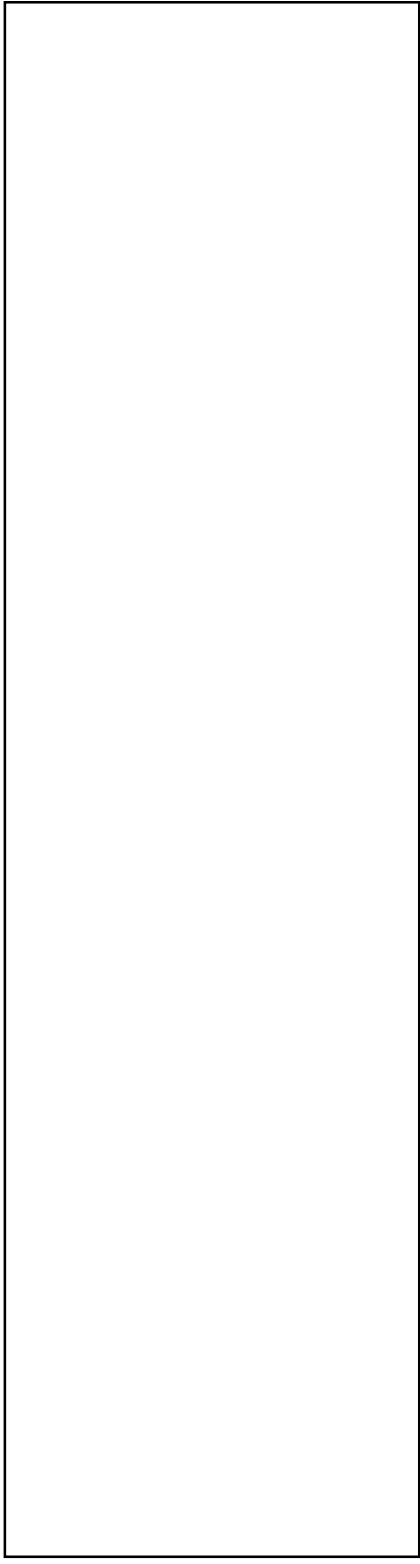
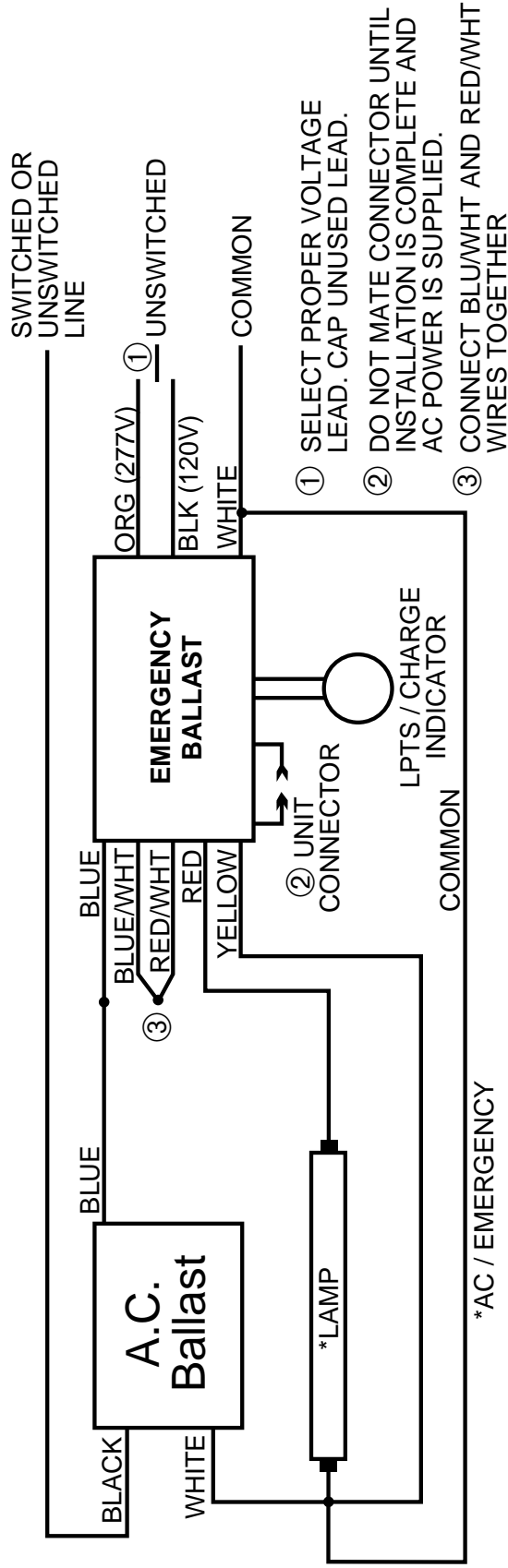


FULLHAM
WORKHORSE IV

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

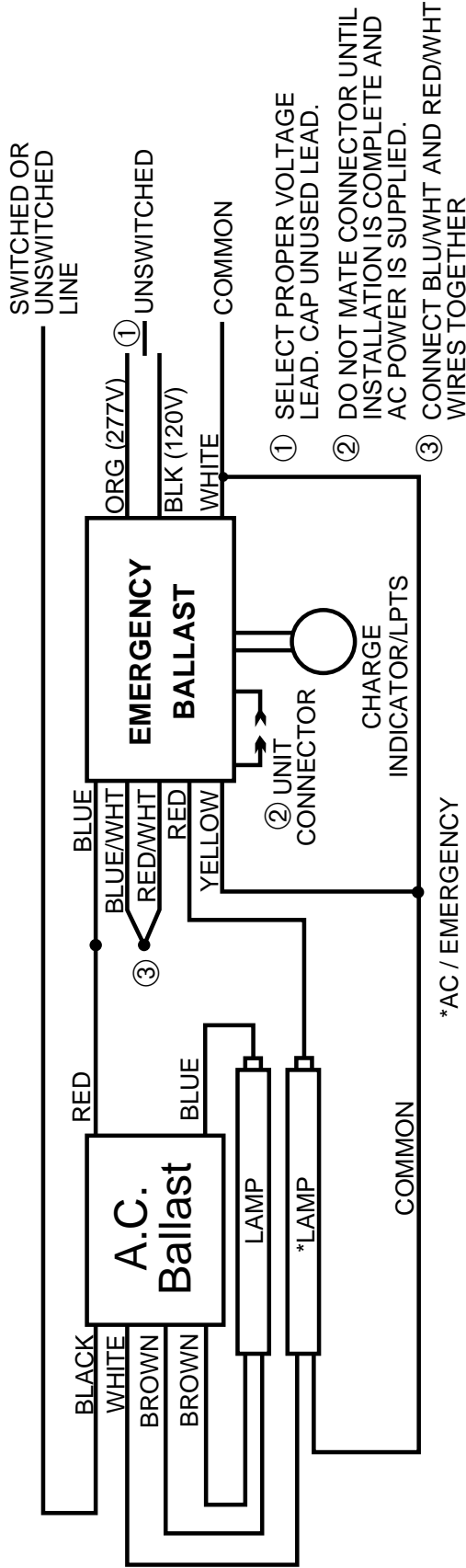
1LISB_2

ONE LAMP INSTANT START BALLAST



2LSL_2

TWO LAMP SERIES LEAD BALLAST

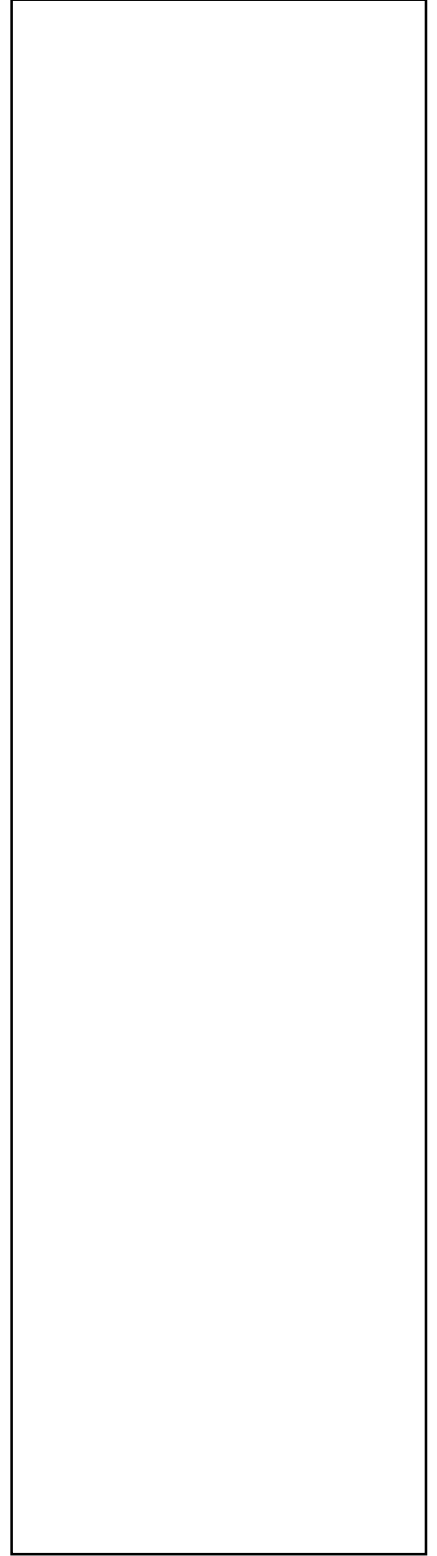
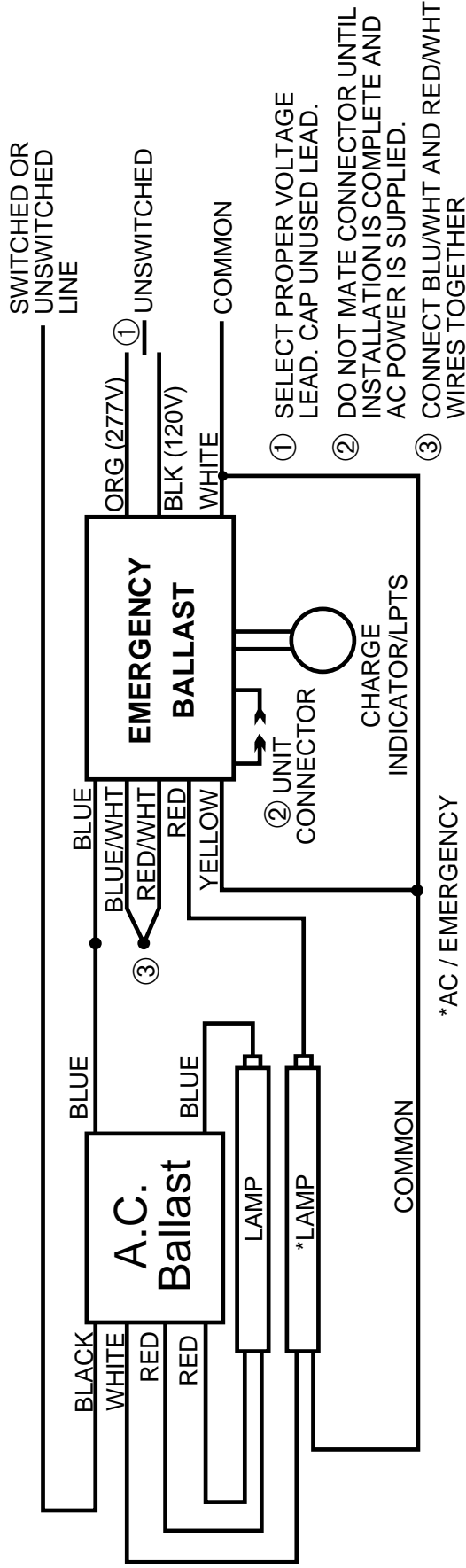


MAGNETEK

827-SLH-TC-P

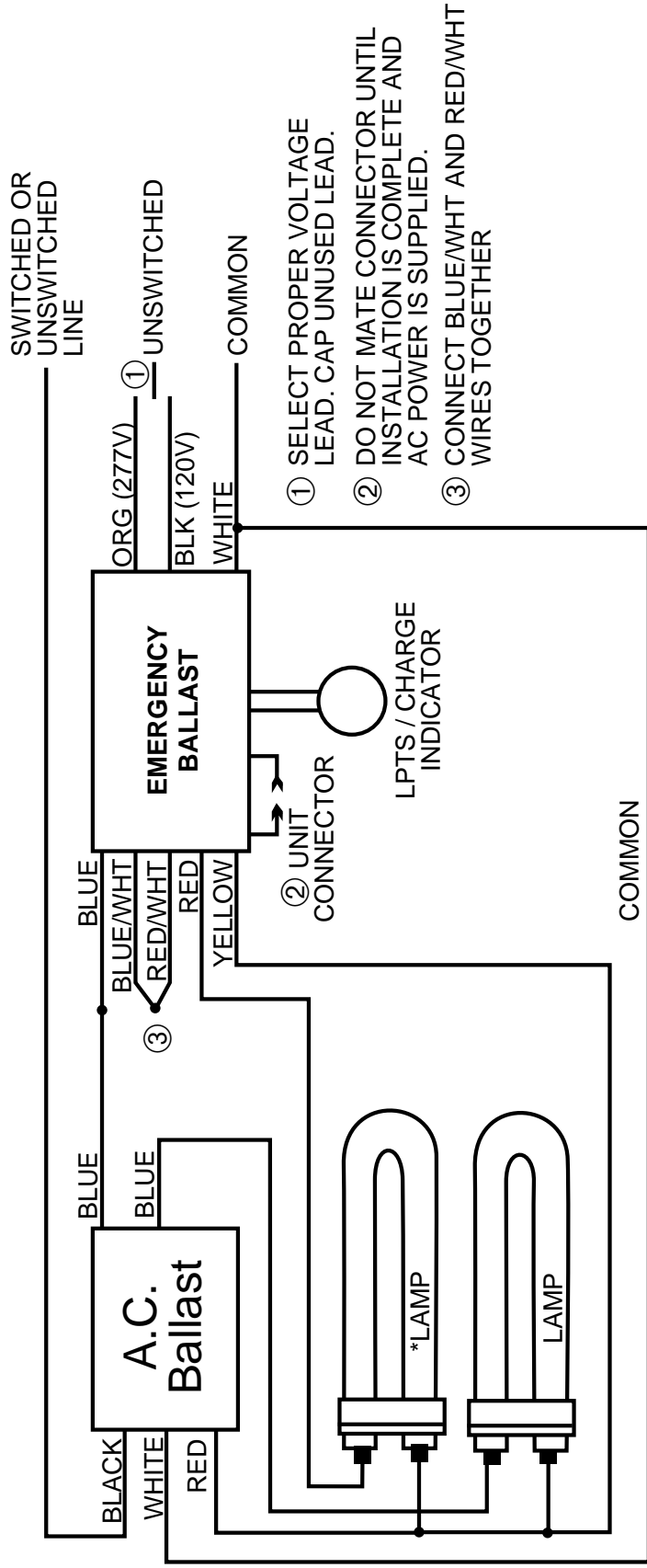
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

TWO LAMP SERIES LEAD BALLAST

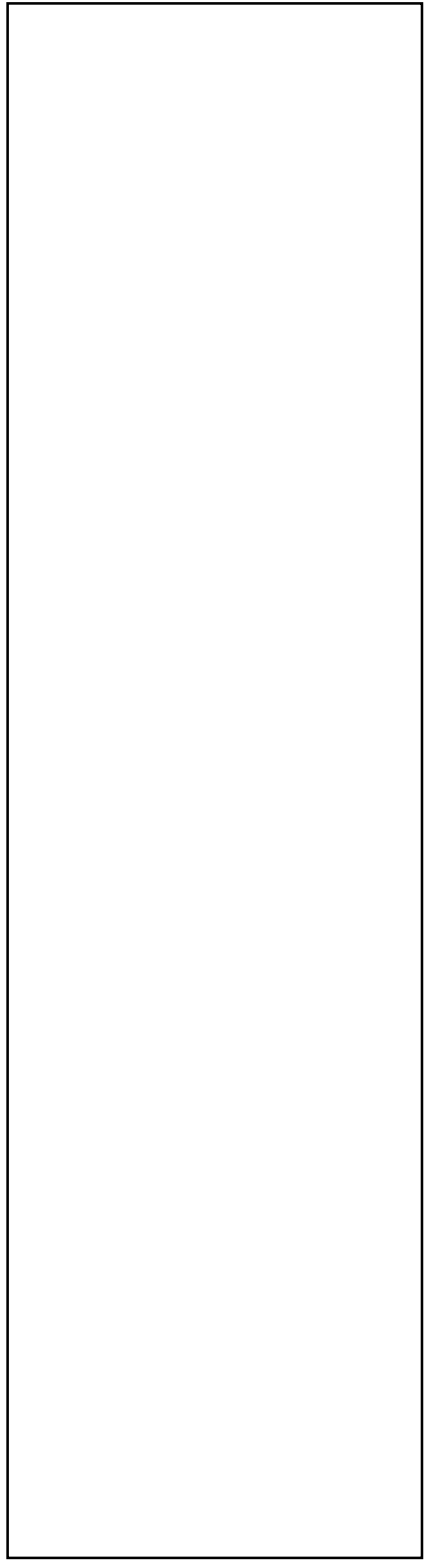


2LISU

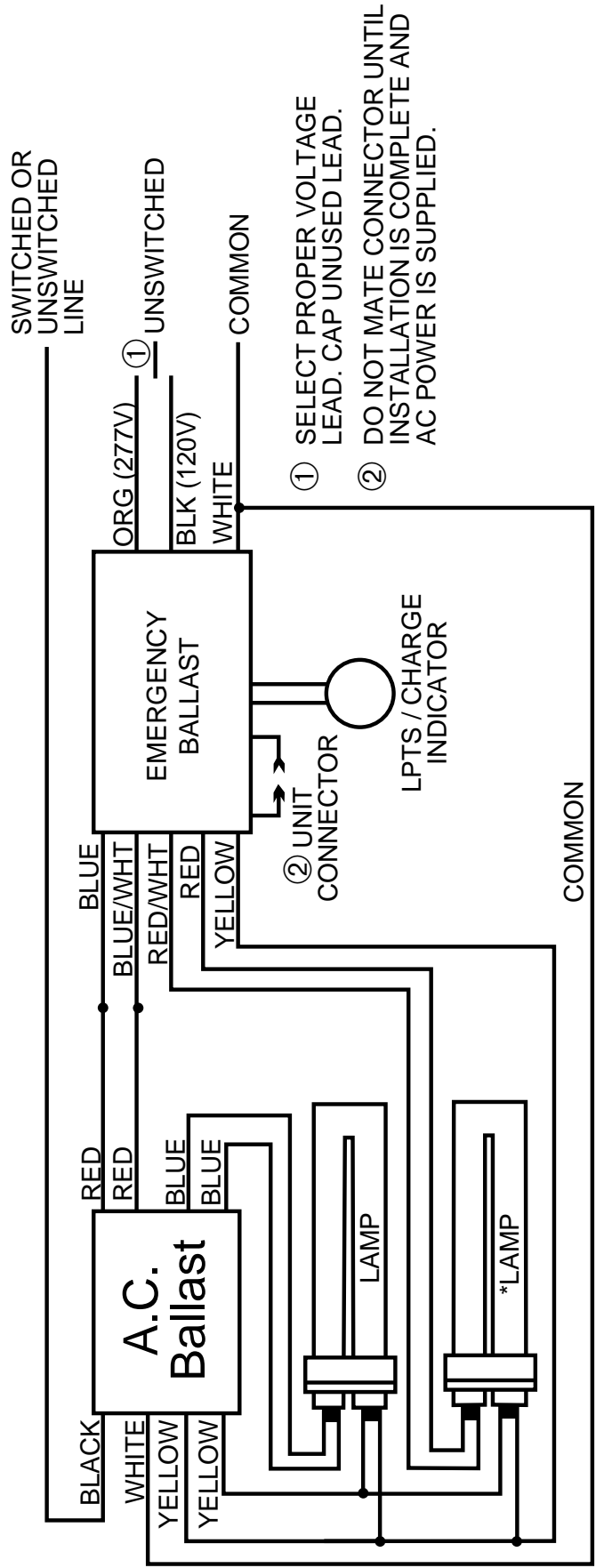
TWO U-BENT LAMP INSTANT START BALLAST



- 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/WHIT AND RED/WHIT WIRES TOGETHER

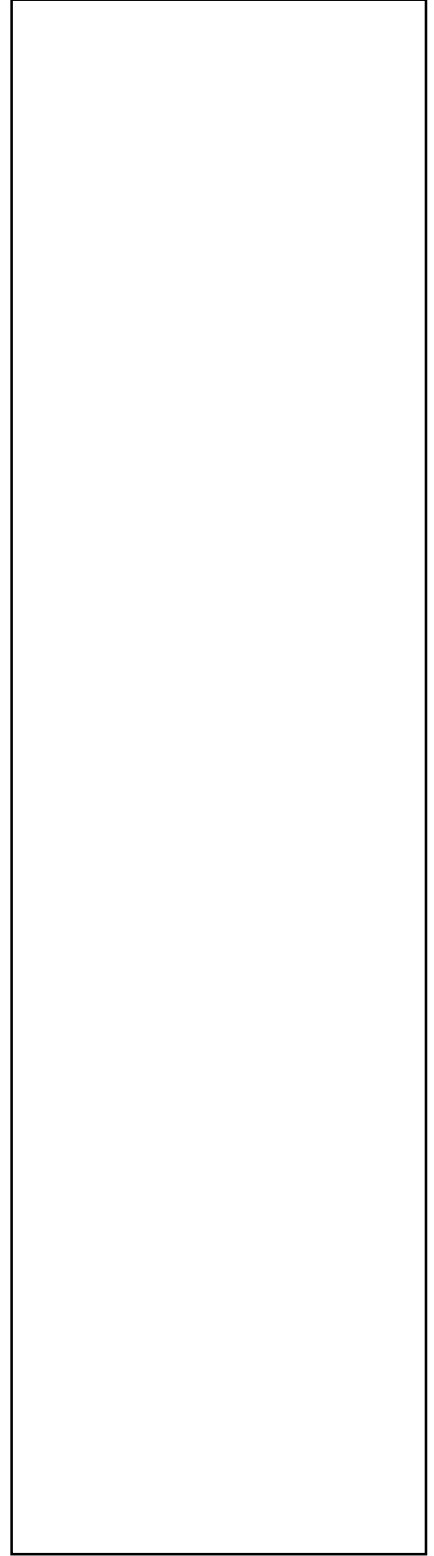


TWO BIAX RAPID START



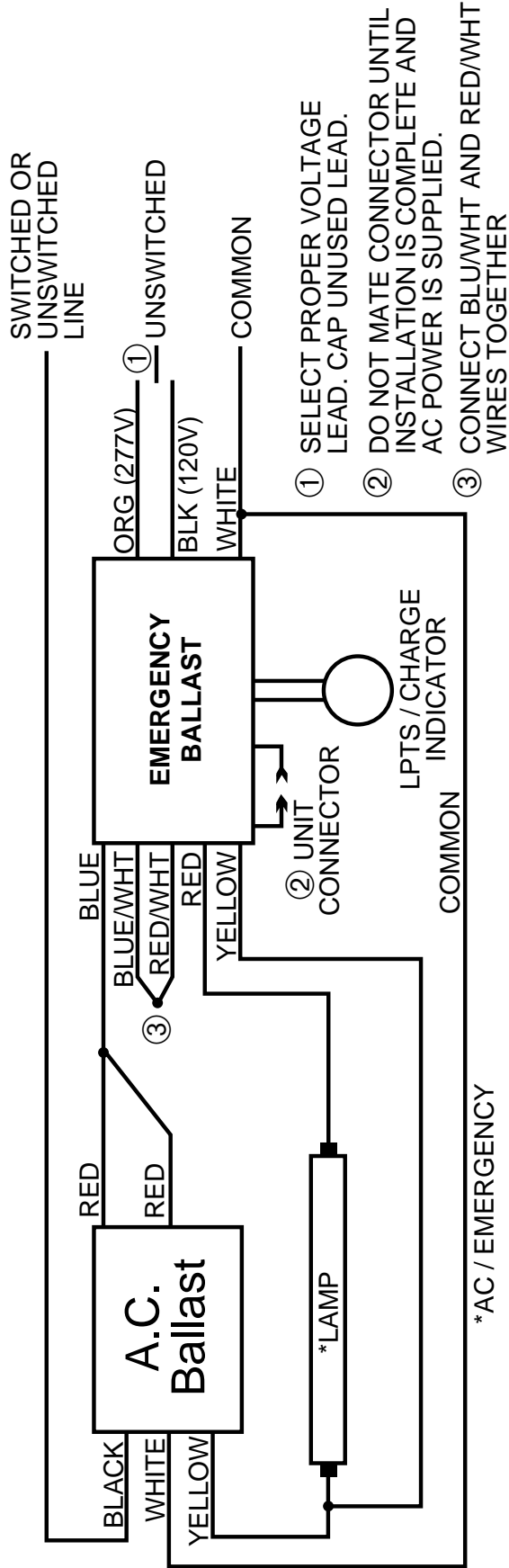
- ① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
- ② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

*AC / EMERGENCY



1LISB_F2

ONE LAMP INSTANT START FULLHAM BALLAST



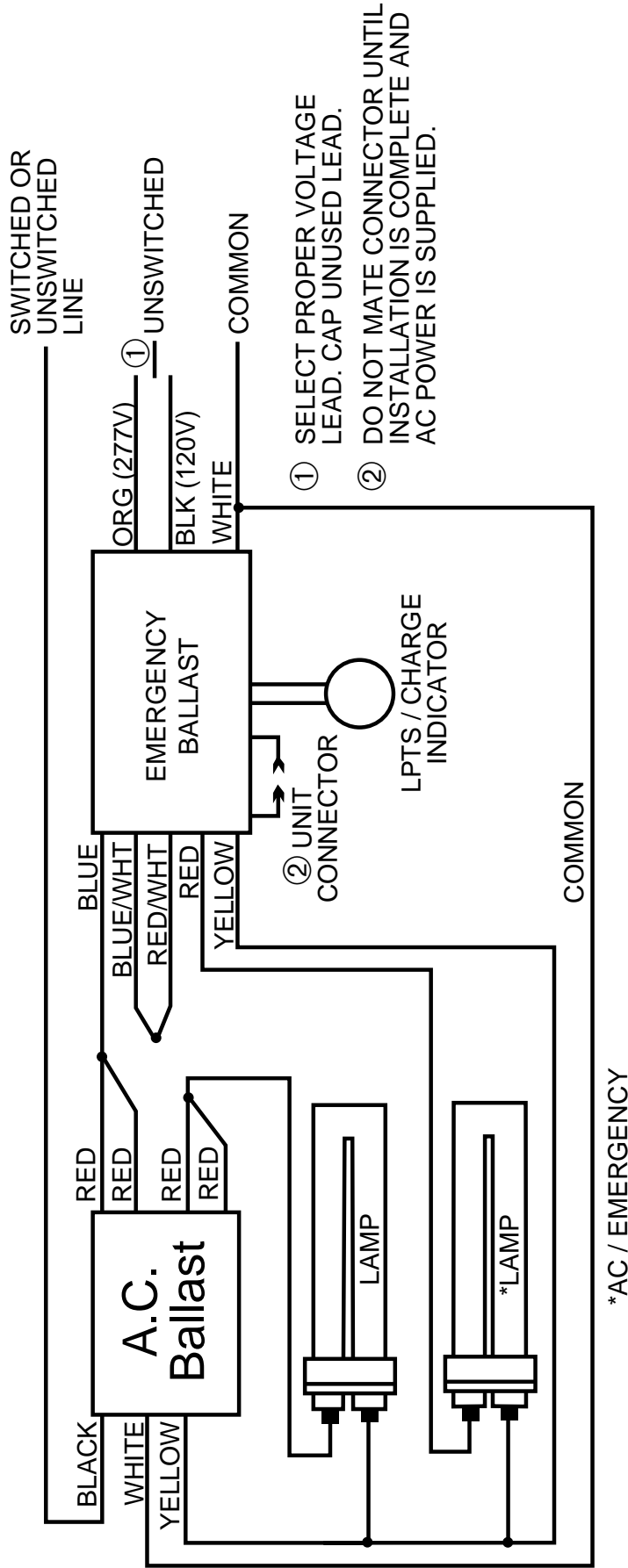
FULLHAM

WORKHORSE 3

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

FW5B

FULLHAM WORKHORSE BALLAST



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

FULLHAM

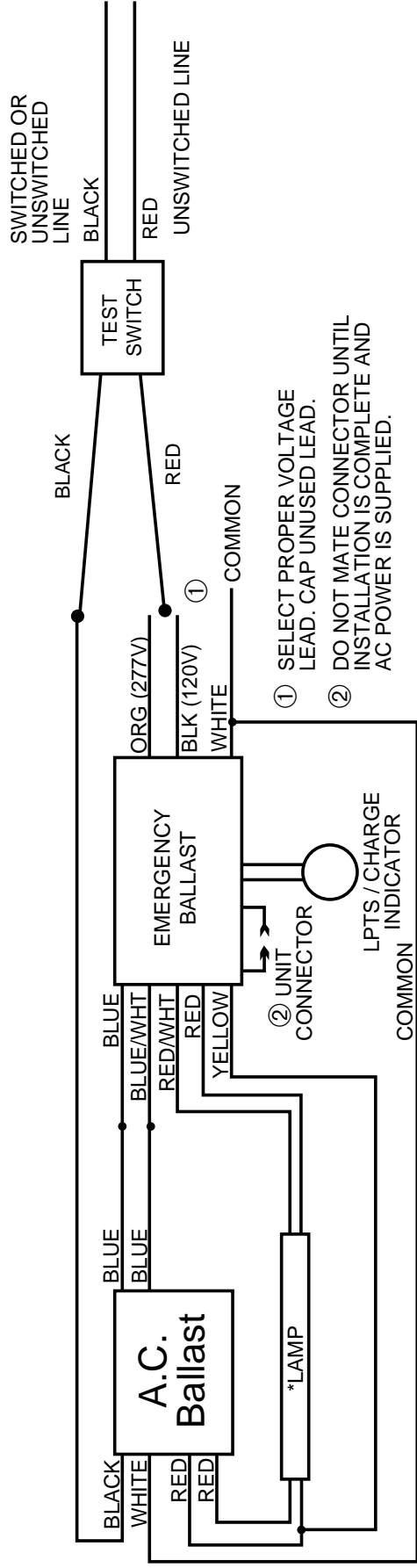
WORKHORSE 5

*AC / EMERGENCY

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

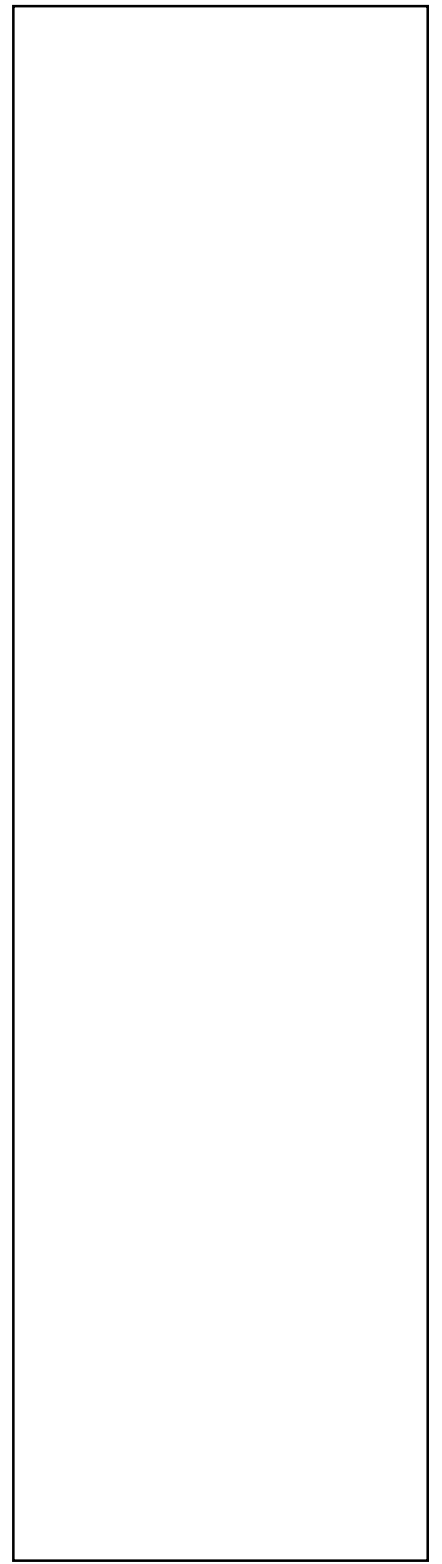
1LRSBWTS

ONE LAMP RAPID START BALLAST WITH TEST SWITCH



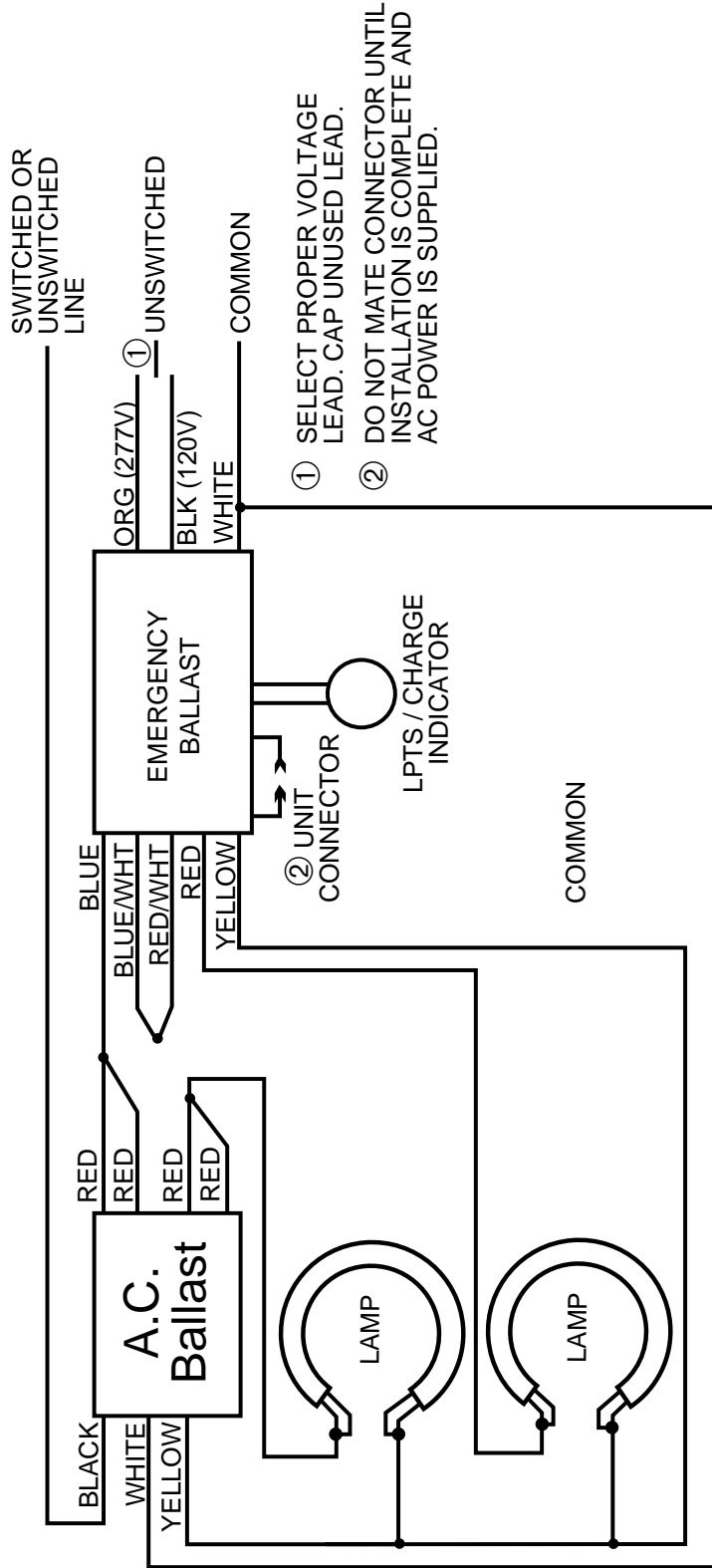
- ① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
- ② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

*AC / EMERGENCY



FW5BC

FULLHAM WORKHORSE BALLAST WITH TWO CIRCLINE LAMPS



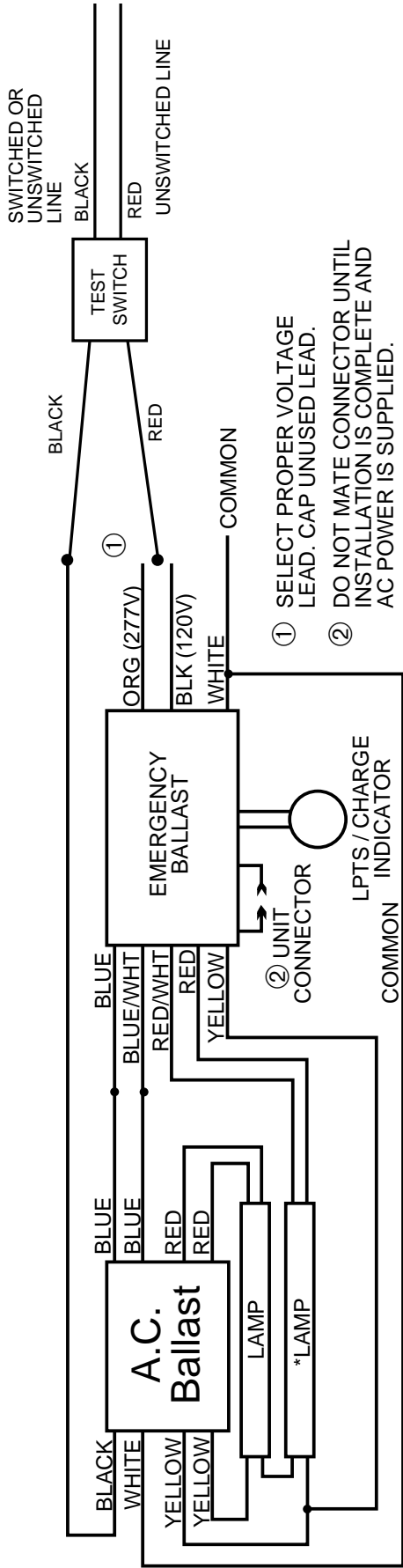
*AC / EMERGENCY

FULLHAM
WORKHORSE 5

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

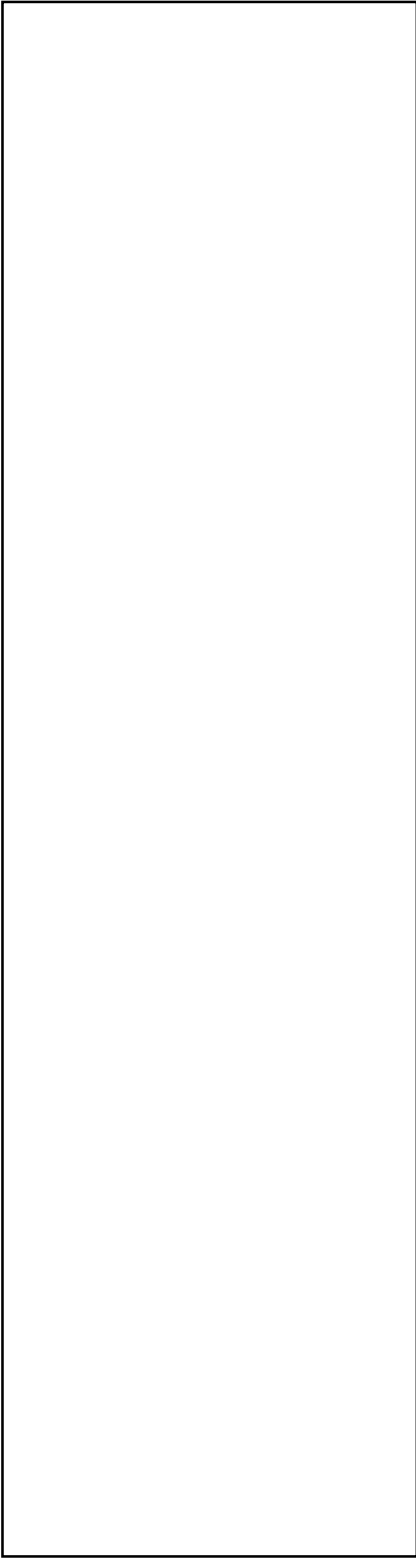
2LR5BWTS

TWO LAMP RAPID START BALLAST WITH TEST SWITCH



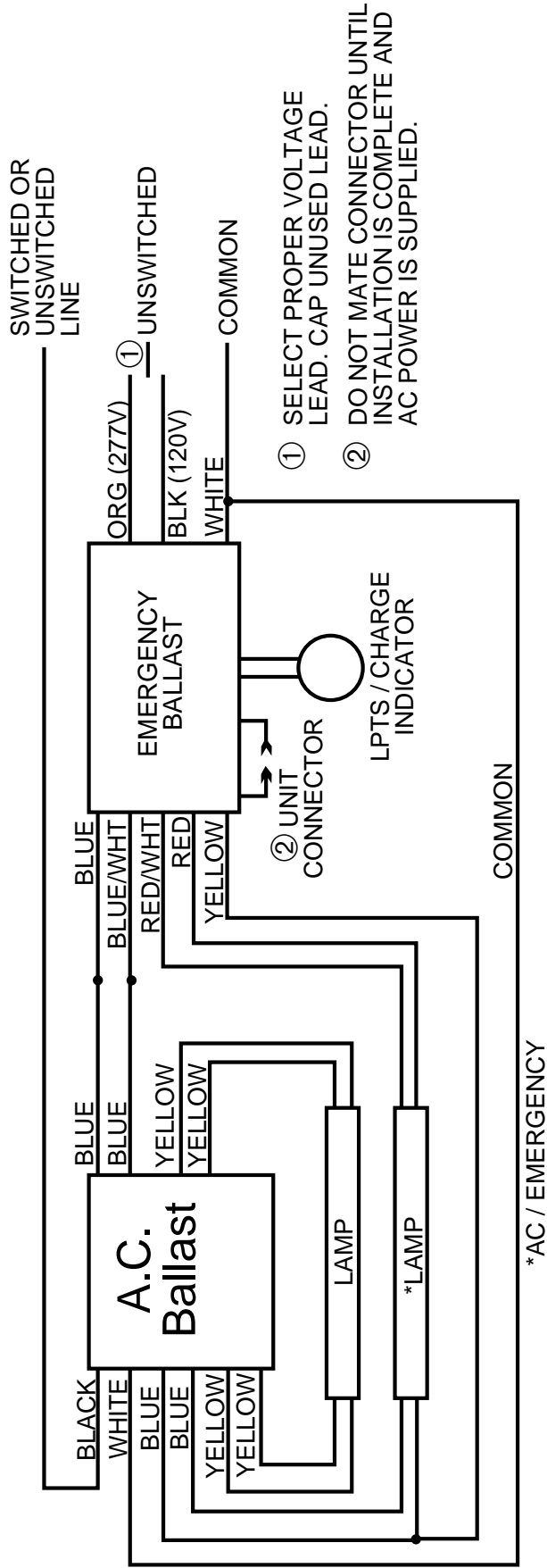
- ① SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
- ② DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

*AC / EMERGENCY



2LRSB4

TWO LAMP RAPID START BALLAST



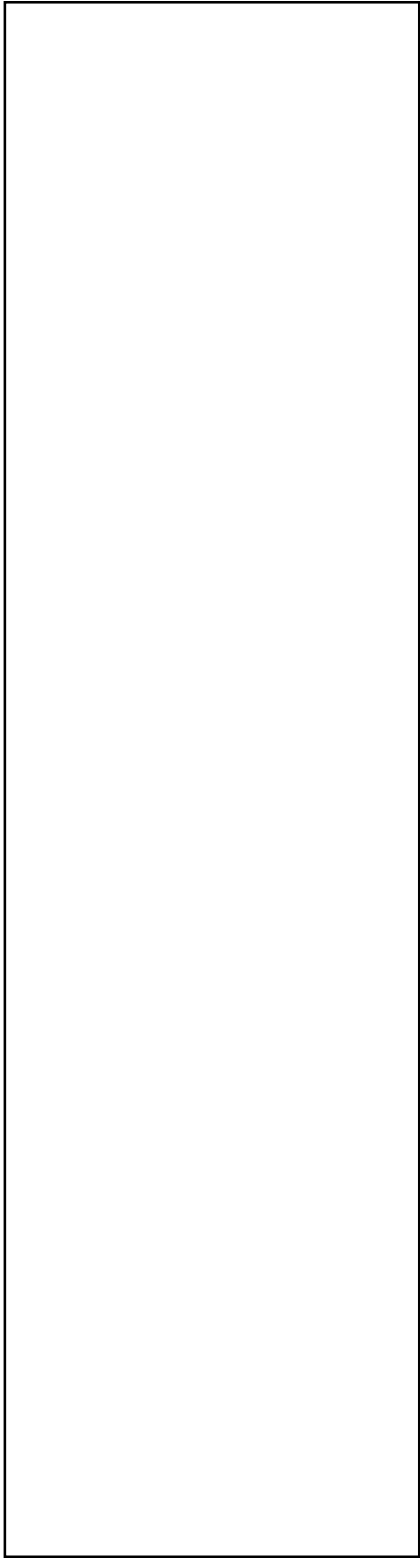
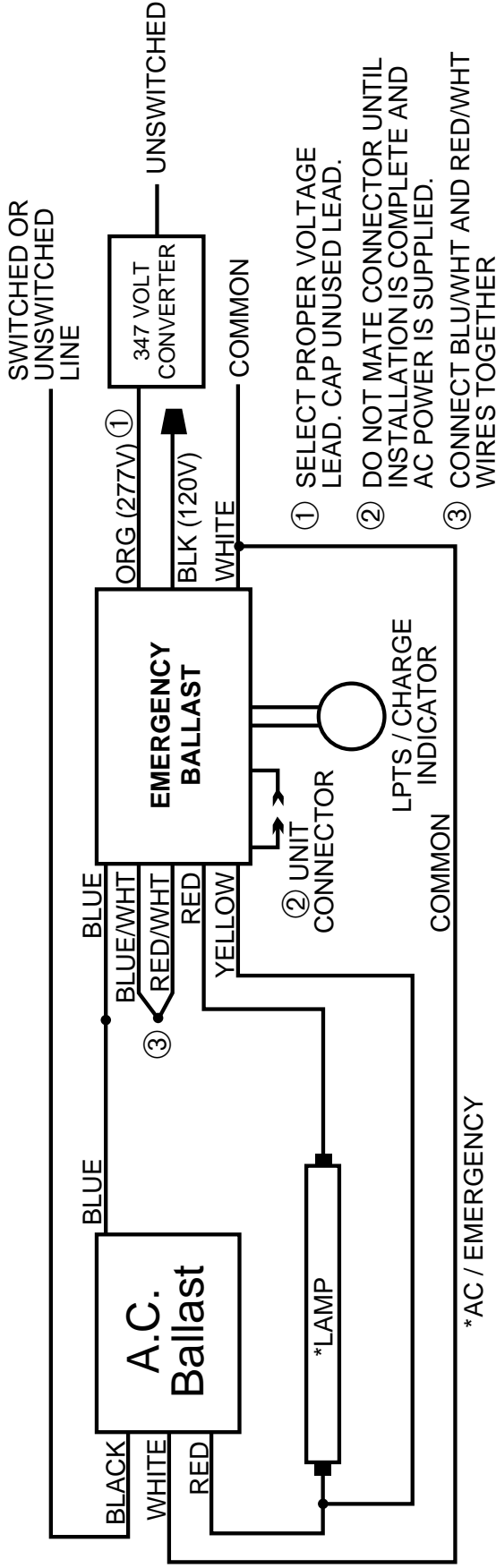
ELBA

ERP-232-L

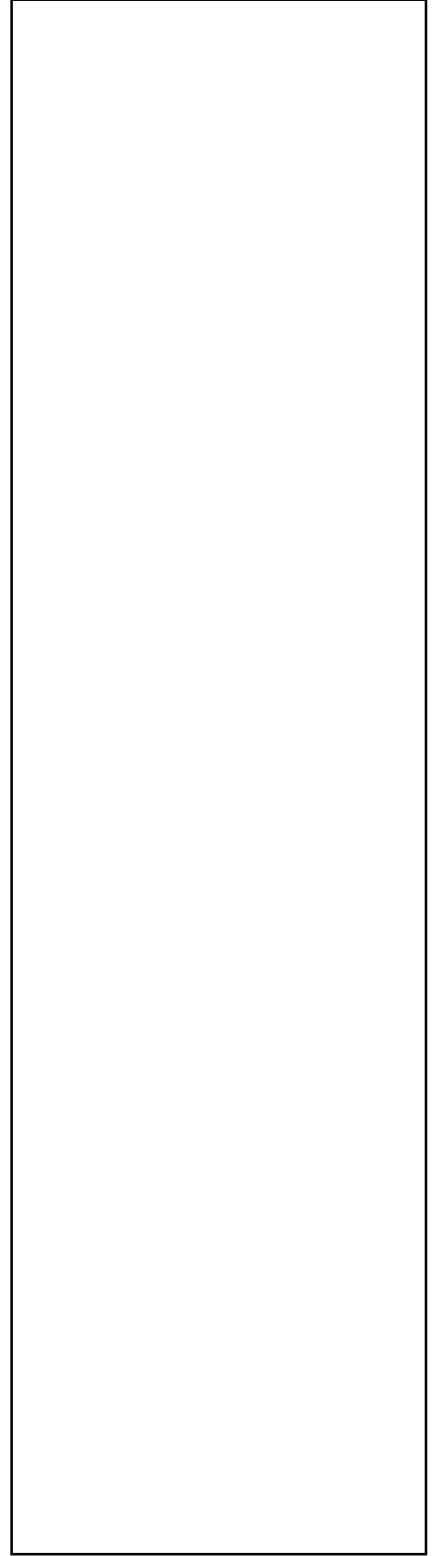
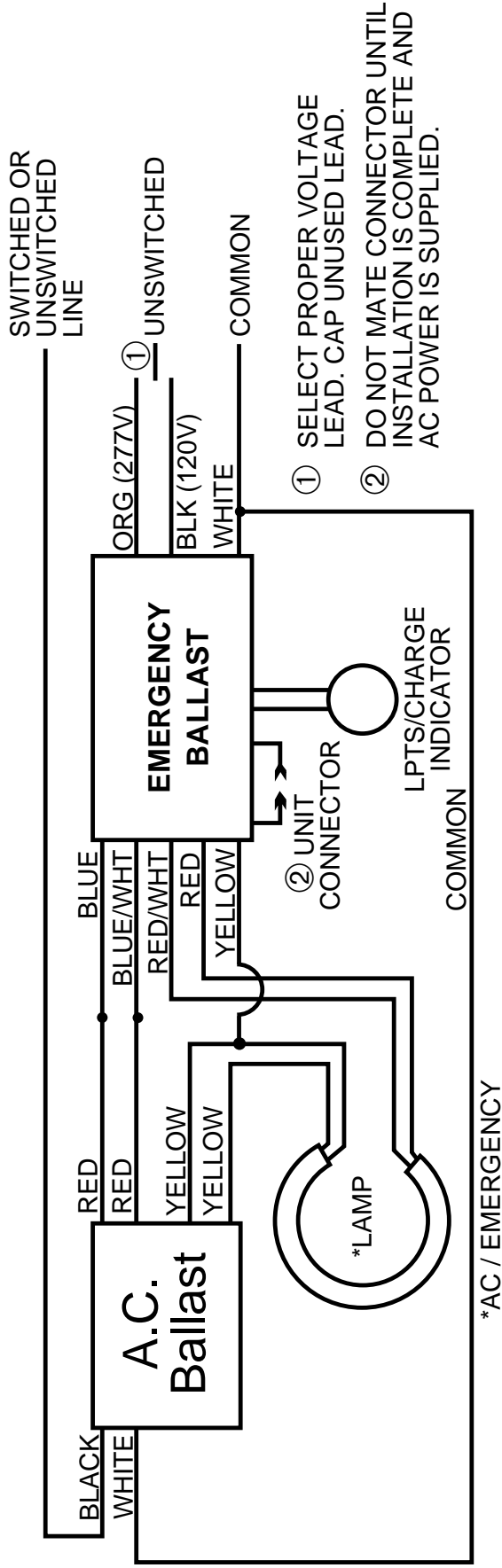
ALL COMPATIBLE BALLASTS MAY NOT BE LISTED.
*DIMMING CONTROL WIRES ARE NOT AFFECTED BY EM PACK

1LISB_347

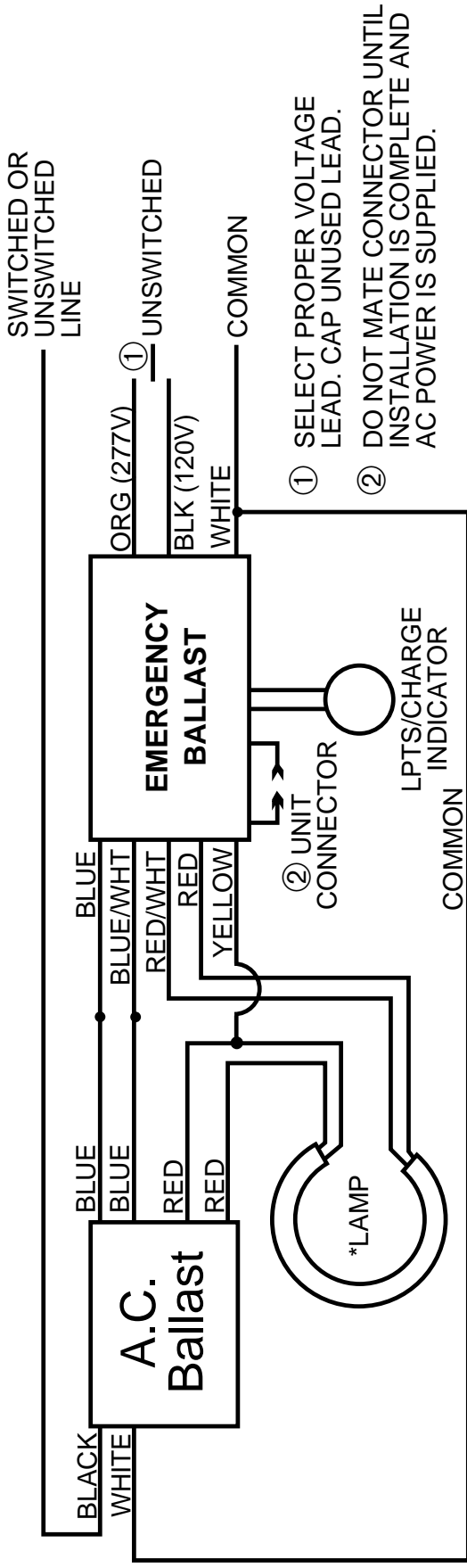
ONE LAMP INSTANT START BALLAST WITH 347V CONVERTER



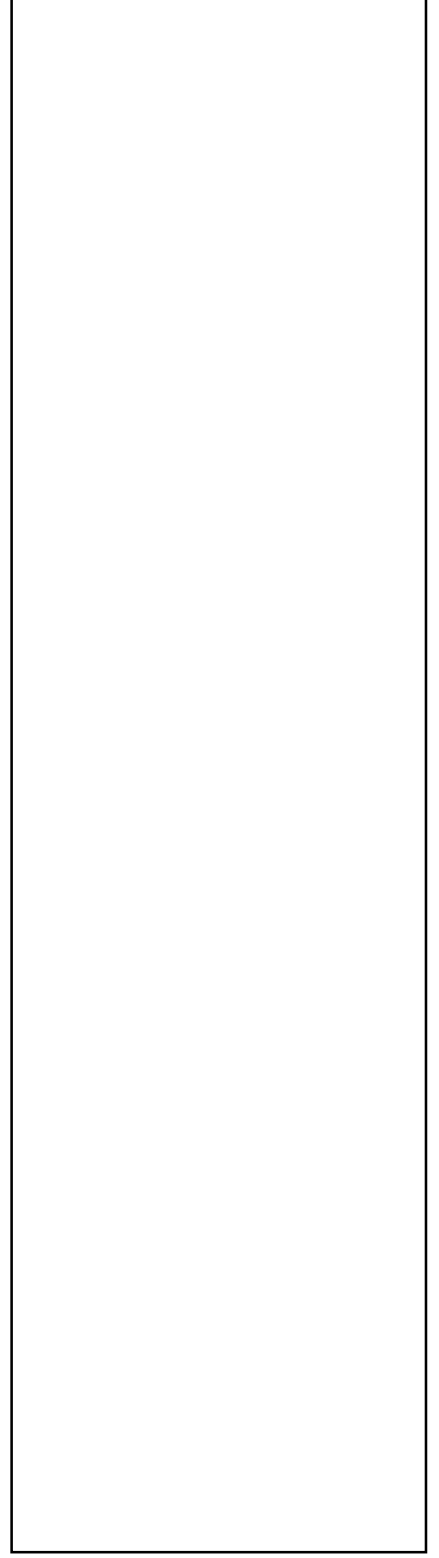
ONE LAMP CIRCLINE RAPID START BALLAST



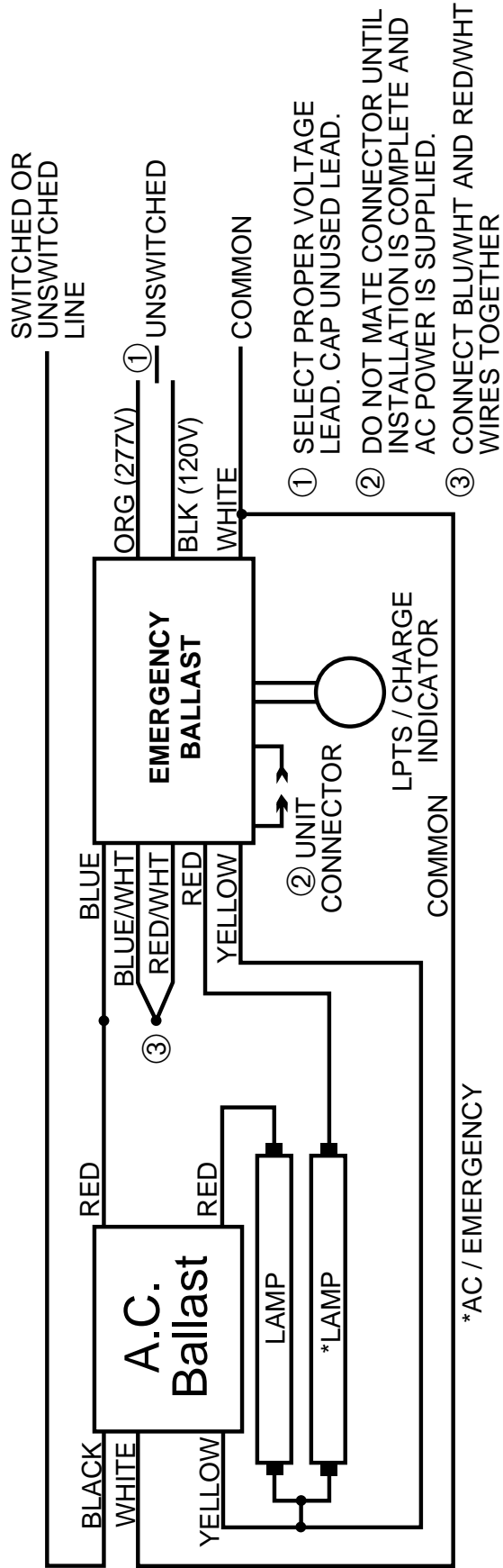
ONE LAMP CIRCLINE RAPID START BALLAST



*AC / EMERGENCY



TWO LAMP INSTANT START BALLAST

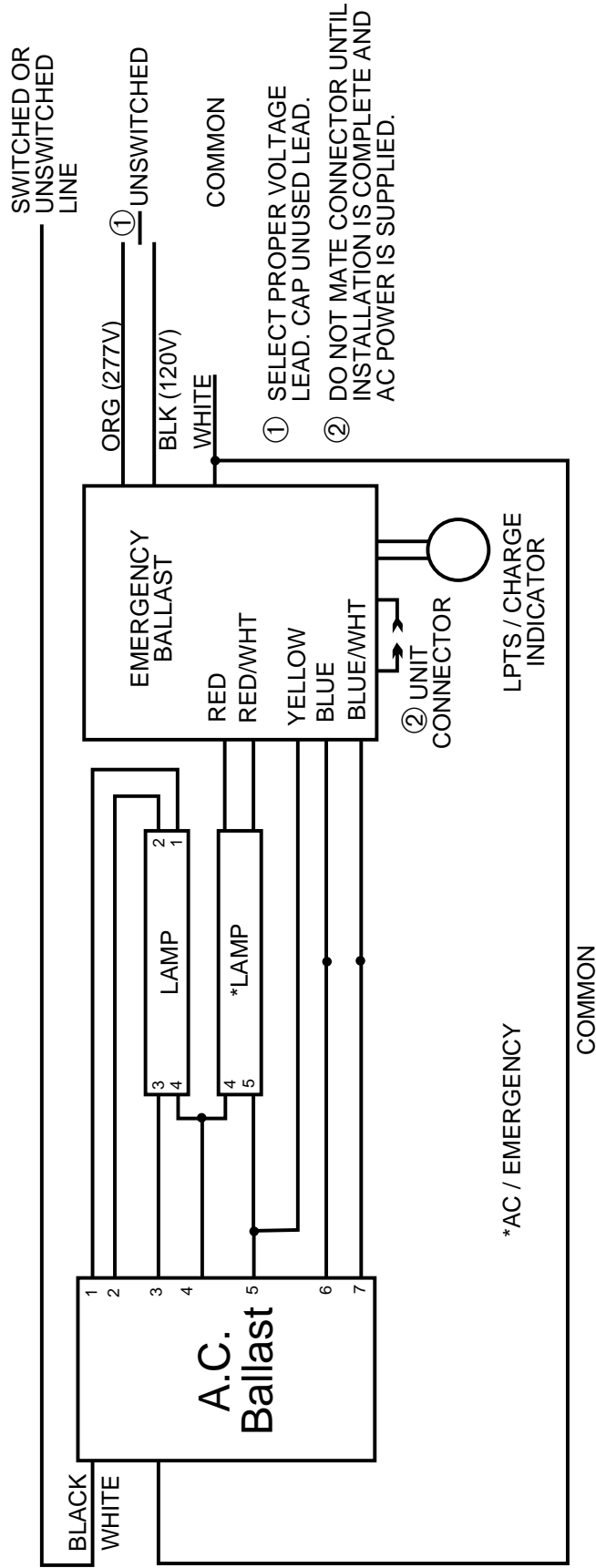


FULLHAM
WORKHORSE 4

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

2LR5B_ACE_2

TWO LAMP RAPID START BALLAST



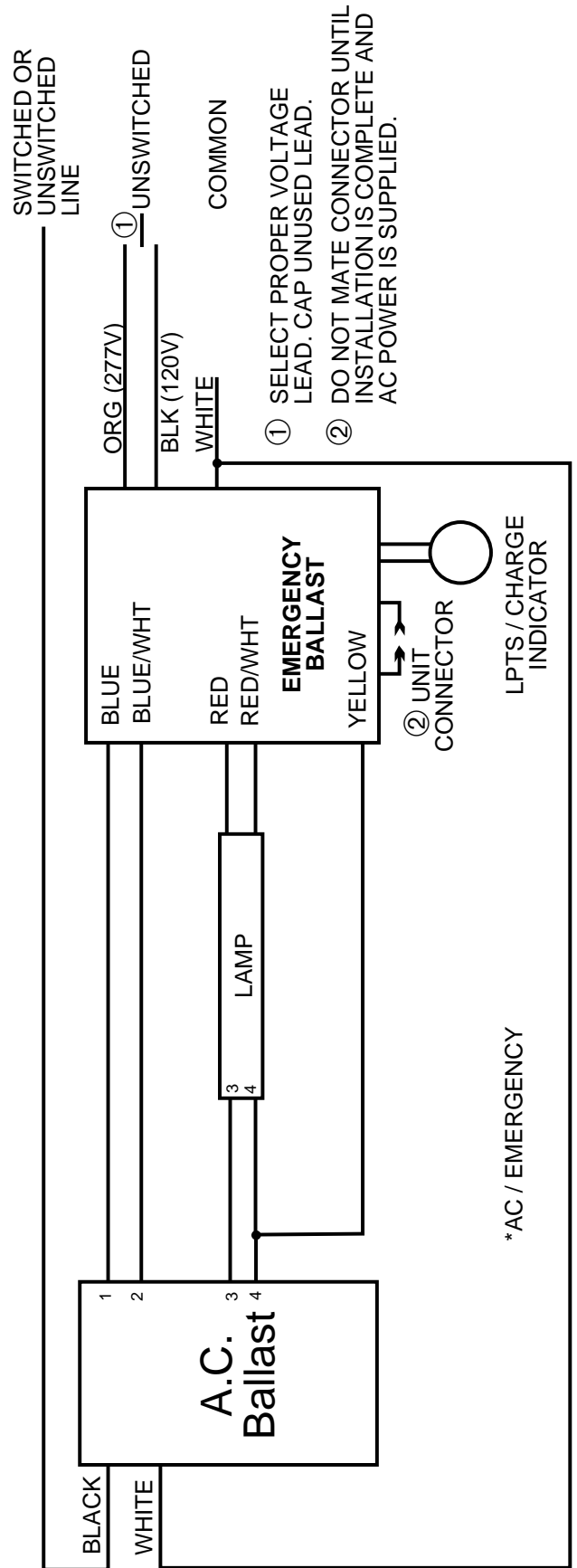
ANTRON / ACE

EPD-B54T5

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

1LR5B_ACE_2

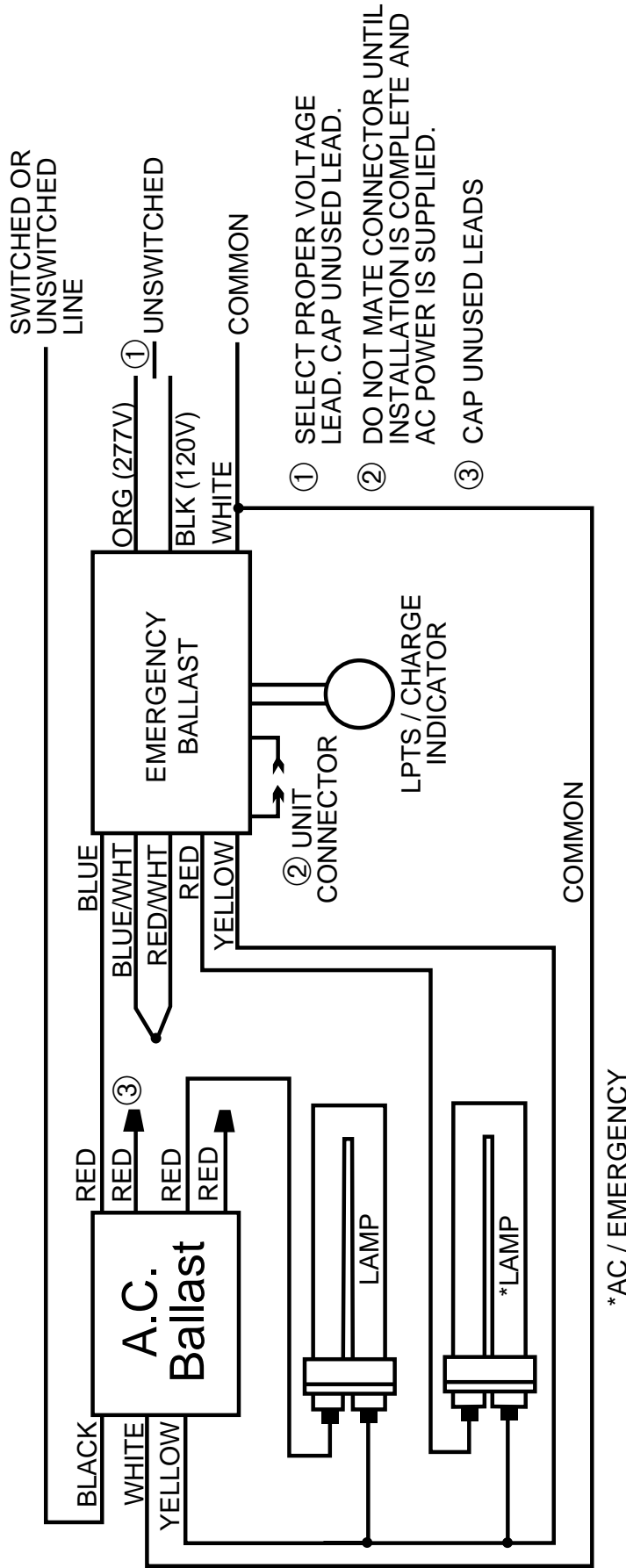
ONE LAMP RAPID START BALLAST



ANTRON / ACE
EPD-B54T5

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

FULLHAM WORKHORSE BALLAST



FULLHAM
WORKHORSE 5

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