

NEMA Premium Electronic Ballast Program

Overview of the Program

The NEMA Premium Electronic Ballast Program provides the method for identifying the most efficient T8 fluorescent ballasts available in the market and identifies models that are consistent with the Consortium for Energy Efficiency (CEE) specifications for high performance lamps and ballasts, tested in accordance with ANSI C82 Standards. Products eligible to participate in the new NEMA Premium Electronic Ballast Program include either instant-start or programmed rapid-start electronic ballasts designed for use with four-foot 32 Watt T8 fluorescent lamps. Products qualifying for this program bear a special mark that will help lighting professionals and end users to recognize the market's highest performing electronic ballast products available and will help support energy efficient objectives.

The Special Mark



Benefits of the Program

This program not only promotes a more energy efficient environment, but also assists lighting professionals and end users in recognizing the highest performing ballasts products on the market. NEMA anticipates that the NEMA Premium Electronic Ballast Program, by making high efficiency ballasts readily identifiable, will help alleviate market and supply-chain barriers that inhibit higher penetration of energy efficient ballasts nationwide.

How to Specify NEMA Premium Electronic Ballasts

For new luminaires, specify: "Luminaire shall contain a NEMA Premium electronic ballast (do not substitute)." Also, specify starting method, number of lamps, and low, normal or high ballast factor.

For lamp and ballast retrofit, specify: "Ballast shall be a NEMA Premium electronic ballast (do not substitute)." Also, specify starting method, number of lamps, and low, normal or high ballast factor.

For spot ballast replacement, specify: "Ballast shall be a NEMA Premium electronic ballast (do not substitute)." Also, specify ballast, starting method, number of lamps, and low, normal, or high ballast factor.

Qualifying Models

The following screens list companies and their currently qualifying electronic ballast models.

NEMA Premium Electronic Ballast Program

Qualifying Models: Philips Lighting Electronics/Advance

Instant-start

ICN-2P32-LW-SC
ICN-2P32-N
ICN-3P32-LW-SC
ICN-3P32-SC
ICN-4P32-LW-SC
ICN-4P32-SC
ICN-4P32-N
IOP-1P32-SC
IOPA-1P32-SC
IOP-1P32-LW-SC
IOPA-1P32-LW-SC
IOP-2P32-SC
IOPA-2P32-SC
IOP-2P32-LW-SC
IOPA-2P32-LW-SC
IOPA-2P32-LW-N
IOPA-2P32-N
IOP-2P32-HL-SC
IOPA-2P32-HL-SC
IOP-3P32-SC
IOPA-3P32-SC
IOP-3P32-LW-SC
IOPA-3P32-LW-SC
IOP-3P32-HL-90C-SC
IOPA-3P32-HL-SC
IOP-4P32-SC
IOPA-4P32-SC
IOP-4P32-LW-SC
IOPA-4P32-LW-SC
IOP-4P32-HL-90C-G
IOPA-4P32-HL
GZT-2S32-SC
GZT-3S32-SC

Programmable Rapid-start

IOP-1S32-SC
IOP-1S32-LW-SC
IOP-2S32-SC
IOP-2S32-LW-SC
IOP-2PSP32-LW-SC
IOP-2PSP32-SC
IOP-3S32-SC
IOP-3S32-LW-SC
IOP-4S32-SC
IOP-4S32-LW-SC
IOP-3PSP32-SC
IOP-4PSP32-SC
GOP-2PSP32-SC

Dimming

IDA-132-SC
IZT-132-SC
REZ-132-SC
VEZ-132-SC
IDA-2S32-SC
ILV-2S32-SC
IZT-2S32-SC
VEZ-2S32-SC
REZ-2S32-SC
IDA-3S32-G
IZT-3S32-SC
VEZ-3S32-SC
REZ-3S32-SC
IDA-4S32
IZT-4S32
VZT-4S32-G
VZT-4S32-HL
VZT-4PSP32-G

NEMA Premium Electronic Ballast Program

Qualifying Models: OSRAM SYLVANIA

Instant-start

QHE 1x32T8/UNV ISL-SC
QHE 1x32T8/UNV ISL-SC-1
QHE 1x32T8/UNV ISN-SC
QHE 1x32T8/UNV ISN-SC-1
QHE 1x32T8/UNV ISH-SC
QHE 2x32T8/UNV ISL-SC
QHE 2x32T8/UNV ISL-SC-1
QHE 2x32T8/UNV ISN-SC
QHE 2x32T8/UNV ISN-SC-1
QHE 2x32T8/UNV ISM-SC
QHE 2x32T8/UNV ISH-SC
QTP 2x32T8.UNV ISN-SC
QHE 3x32T8/UNV ISL-SC
QHE 3x32T8/UNV ISL-SC-1
QHE 3x32T8/UNV ISN-SC
QHE 3x32T8/UNV ISN-SC-1
QHE3x32T8/UNV ISM-SC
QHE 3x32T8/UNV ISH-SC
QHE 3x32T8/UNV ISH-SC
QTP 3x32T8/UNV ISN-SC
QHE 4x32T8.UNV ISN-SC
QHE 4x32T8/UNV ISL-SC
QHE 4x32T8/UNV ISL-SC-1
QHE 4x32T8.UNV ISN-SC-1
QHE 4x32T8/UNV ISM-SC
QHE 4x32T8/UNV ISH-SC
QTP 4x32T8/UNV ISN-SC
QHEL52x32T8/UNV ISN SC

Programmable Rapid-start

QTP 1x32T8/UNV PSX-TC
QTP 1x32T8/UNV PSN-TC
QHE 1x32T8/UNV PSN-MC
QTP 2x32T8/UNV PSX-TC
QTP 2x32T8/UNV PSN-TC
QHE 2x32T8/UNV PSN-MC
QHE 2x32T8/UNV PSH-HT
QTP 3x32T8/UNV PSX-SC
QTP 3x32T8/UNV PSN-SC
QHE 2x32T9/UNV PSN-SC
QHE 3x32T8/UNV PSH-HT
QTP 4x32T8/UNV PSX-SC
QTP 4x32T8/UNV PSN-SC
QHE 4x32T8/UNV PSN-SC
QHE 4x32T8/UNV PSH-HT
QTP4x32T8/UNV DIM-TCL

Dimming

QTP 1x32T8/UNV DIM-TC
QTP 2x32T8/UNV DIM-TC
QHES 2x32T8/UNV PSL-SC
QHES 2x32T8/UNV PSN-SC
QTP 3x32T8/UNV DIM-TC
QHEL5 3x32T8/UNV ISN-SC
QHE2x32T8/UNV DALI

NEMA Premium Electronic Ballast Program

Qualifying Models: Universal Lighting Technologies

Instant-start

B132IUNVEL-A
B132IUNVHE
B132IUNVHP-B
B232IUNVEL-A
B232I120EL
B232I277EL
B232IUNVHE-A
B232IUNVHP-B
B232I120HE
B232I277HE
B232IUNVHEH-A
B332IUNVEL-A
B332I120EL
B332I277EL
B332IUNVHE-A
B332IUNVHP-A
B332U120HE
B332I120RHH
B332I277HE
B332I277RHU-A
B332I277RHH
B332IUNVHEH-A
B432IUNVEL-A
B432I120EL
B432I277EL
B432IUNVHE-A
B432IUNVHP-A
B432I120HE
B432I277HE
B432I277HEH
B432I277L-A
B432I277RH-A
B432IUNV-D
ES1720B

Programmable Rapid-start

B132PUNVHP-A
B232PUNVEL-A
B232PUNVHP-A
B232PUNVHE-A
B232PUNVHE-A
B332PUNVHP-A
B432PUNVHP-A
B232PUNVEL-B
B232PUNVHE-B
B332PUNVEL-A
B332PUNVHE-A
B432PUNVEL-A
B432PUNVHE-A
C240PUNVDR-A

Dimming

B132PUNVSV3-A
B232PUNVDR-A
B332PUNVDRH-E
B232PUNVDY-A
B232PUNVDYL-A
B232PUNVHYH-A
B232PUNVSV3-A
B232PUS50-A
B332PUNVDRL-A
B332PUNVDR-A
B332PUNVDRH-A
B432PUNVDRL-A
B432PUNVDR-A
C240PUNVDR-A

NEMA Premium Electronic Ballast Program

Qualifying Models: GE Commercial & Industrial Lighting

UltraMax

GE132MAX-L/ULTRA
GE132MAX-N/ULTRA
GE232MAX-L/ULTRA
GE232MAX-N/ULTRA
GE232MAX-N+
GE232MAX-H/ULTRA
GE332MAX-L/ULTRA
GE332MAX-N/ULTRA
GE332MAX-N+
GE332MAX-H/ULTRA
GE432MAX-L/ULTRA
GE432MAX-N/ULTRA
GE432MAX-N+
GE432MAX-H/ULTRA
GE632MAX-H90-S60
GE632MAX-H95-V60

ProLine

GE-232-277-N
GE-432-277-N

MultiVolt ProLine

GE-132-MV-N
GE-232-MV-N
GE-332-MV-L
GE-332-MV-N
GE-332-MV-H
GE-432-MV-L
GE-432-MV-N
GE-432-MV-H

UltraStart

GE232-MVPS-L
GE-232-120-PS-N
GE-232-277-PS-N
GE-232-MVPS-N
GE-232-MVPS-H
GE332-MVPS-L
GE332-MVPS-N
GE-332-120-PS-N
GE-332-277-PS-N
GE-332-MVPS-H
GE-432-MVPS-L
GE-432-120-PS-N
GE-432-MVPS-N
GE-432-MVPS-H

NEMA Premium Electronic Ballast Program

Qualifying Models: Robertson Worldwide

Instant-start

ISL132T8HEMVL
ISA232T8HEMVL
ISU232T8HEMVL
ISA232T8HEMV
ISU232T8HEMV
ISU232T8HEMVA
ISA232T8HEMVH
ISS232T8HEMVH
ISA332T8HEMVL
ISS332T8HEMVL
ISA332T8HEMV
ISS332T8HEMV
ISS332T8HEMVH
ISA432T8HEMVL
ISS432T8HEMVL
ISA432T8HEMV
ISS432T8HEMV

Dimming

PSL132T8MV3D
PSL232T8MV3D
PSL332T8MV3D

Programmable Rapid-start

PSA132T8HEMV
PSA132T8HEMVH
PSA232T8HEMV
PSS232T8HEMV
PSA232T8HEMVH
PSL432T8HEMV

NEMA Premium Electronic Ballast Program

Qualifying Models: Espen Technologies

Instant-start

VE232MVHIPL
VE232MVHIPE
VE232MVHIPHE
VE332MVHIPL
VE332120HIP
VE332MVHIPE
VE332120HIPH
VE332MVHIPH
VE332MVHIPHE
VE432MVHIPL
VE432MVHIPL
VE432MVHIPE
VE432MVHIPHE

NEMA Premium Electronic Ballast Program

Qualifying Models: American Ballast

Instant-start

AB1-32-IP-UNV-HE
AB1-32-IP-UNV-1
AB2-32-IP-UNV-LX
AB2-32-IP-UNV-HE
AB2-32-IP-UNV-1
AB2-32-IP-UNV-2
AB2-32-IP-UNV-HBF
AB3-32-IP-UNV-LX
AB3-32-IP-UNV-HE
AB3-32-IP-UNV-1
AB3-32-IP-UNV-2
AB3-32-IP-UNV-HBF
AB4-32-IP-UNV-LX
AB4-32-IP-UNV-HE
AB4-32-IP-UNV-1
AB4-32-IP-UNV-2
AB4-32-IP-UNV-HBF

NEMA Premium Electronic Ballast Program

Qualifying Models: Technical Consumer Products, Inc.

Instant-start

TCP2P32ISUNVL
E2P32ISUNVLE
TCP2P32ISUNV
E2P32ISUNVE
TCP2P32ISUNVH
E2P32ISUNVHE
TCP2P32ISUNVL
E2P32ISUNVLE
TCP2P32ISUNV
E2P32ISUNVE
TCP2P32ISUNVH
E2P32ISUNVHE
TCP3P32ISUNVL
E3P32ISUNVLE
TCP3P32ISUNV
E3P32ISUNVE
TCP3P32ISUNVH
E3P32ISUNVHE
TCP4P32ISUNVL
E4P32ISUNVLE
TCP4P32ISUNV
E4P32ISUNVE
TCP4P32ISUNVH
E4P32ISUNVHE

NEMA Premium Electronic Ballast Program

Qualifying Models: Acuity Brands Lighting, Inc. (Accupro® Brand)

Instant-start

AP-132IP-UNV
A1-132IP-UNV
A2-132IP-UNV
A3-132IP-UNV
A4-132IP-UNV
A5-132IP-UNV
AP-232IP-UNV
A1-232IP-UNV
A2-232IP-UNV
A3-232IP-UNV
A4-232IP-UNV
A5-232IP-UNV
AP-332IP-UNV
A1-332IP-UNV
A2-332IP-UNV
A3-332IP-UNV
A4-332IP-UNV
A5-332IP-UNV
AP-432IP-UNV
A1-432IP-UNV
A2-432IP-UNV
A3-432IP-UNV
A4-432IP-UNV
A5-432IP-UNV

NEMA Premium Electronic Ballast Program

Qualifying Models: Sunpark Electronics Corp. (HiLumen and Ultra Lumen ballasts)

Instant-start

U-2/32IS
U-2/32IS HBF
U-2/32ISE
U-2/32ISE-HBF
U-2/32ISE-LBF
U-3/32IS HPF
U-3/32IS HBF
U-3/32ISE
U-3/32ISE-HBF
U-3/32ISE-LBF
U-4/32IS HPF
U-4/32IS HBF
U-4/32IS LBF
U-4/32ISE
U-4/32ISE-HBF
U-4/32ISE-LBF

Programmable Rapid-start

U-2/32PSE
U-2/32PSE-HBF

NEMA Premium Electronic Ballast Program

Qualifying Models: Keystone Technologies, LLC

Instant-start

KTEB-132-UV-IS-L-P
KTEB-132-UV-IS-N-P
KTEB-132-UV-IS-H-P
KTEB-232-UV-IS-L-P
KTEB-232-UV-IS-N-P
KTEB-232-UV-IS-H-P
KTEB-332-UV-IS-L-P
KTEB-332-UV-IS-N-P
KTEB-332-UV-IS-H-P
KTEB-432-UV-IS-L-P
KTEB-432-UV-IS-N-P
KTEB-432-1-IS-N-P

Programmable Rapid-start

KTEB-132-UV-PS-L-P
KTEB-132-UV-PS-N-P
KTEB-132-UV-PS-H-P
KTEB-232-UV-PS-L-P
KTEB-232-UV-PS-N-P
KTEB-232-UV-PS-H-P
KTEB-332-UV-PS-L-P
KTEB-332-UV-PS-N-P
KTEB-332-UV-PS-H-P
KTEB-432-UV-PS-L-P
KTEB-432-UV-PS-N-P

NEMA Premium Electronic Ballast Program

Qualifying Models: McWong International – Pacific Ballast

Instant-start

EB-232IS-U-ES
EB-232IS-U-ES-LBF
EB-232IS-U-ES-HBF
EB-332IS-U-ES
EB-332IS-U-ES-LBF
EB-332IS-U-ES-HBF
EB-432IS-U-ES
EB-432IS-U-ES-LBF
EB-432IS-U-ES-HBF

Programmable Rapid-start

EB-132PRS-U-ES
EB-232PRS-U-ES
EB-232PRS-U-ES-LBF
EB-232PRS-U-ES-HBF
EB-332PRS-U-ES
EB-132PRS-U-ES-HBF

NEMA Premium Electronic Ballast Program

Qualifying Models: Halco Lighting

Instant-start

EP232IS/L/MV/HE
EP232IS/MV/HE
EP232IS/120/SL
EP232IS/MV/SL
EP232IS/L/MV/HE
EP232IS/MV/HE
EP332IS/L/MV/HE
EP332IS/L/MV/SL
EP432IS/L/MV/SL
EP332IS/MV/HE
EP432IS/L/MV/HE
EP332IS/H/MV/SL
EP432IS/L/MV/HE
EP432IS/L/MV/SL
EP432IS/MV/HE

Programmable Rapid-start

NEMA Premium Electronic Ballast Program

Qualifying Models: Leviton

Instant-start

Programmable Rapid-start

Dimming

SD1J8-32M

SD1F8-32M

SA1J8-32M

SA1F8-32M

SD2J8-32M

SD2F8-32M

SA2J8-32M

SA2F8-32M

NEMA Premium Electronic Ballast Program

Qualifying Models: Atlas Lighting Products

Instant-start

EB232UI

EB232UIH

EB332UI

EB332UIH

EB432UI

EB432UIH

NEMA Premium Electronic Ballast Program

Qualifying Models: Radiant-Lite (TIBA International)

Instant-start

RL2-32IP-UNV-HE

RL3-32IP-UNV-HE

RL4-32IP-UNV-HE

NEMA Premium Electronic Ballast Program

Qualifying Models: Fulham Co., Inc.

Instant-start

WHHE2-UNV-T8-IS
WHSG2-UNV-T8-HB
WHSG3-UNV-T8-IS
WHSG3-UNV-T8-HB
WHHE2-UNV-T8-IS
WHSG2-UNV-T8-HB
WHSG3-UNV-T8-LB
WHSG3-UNV-T8-IS
WHCG4-120-T8-IS
WHSG3-UNV-T8-LB
WHSG4-UNV-T8-HB
WHSG4-UNV-T8-IS
WHSG4-UNV-T8-IS
WHCG4-277-T8-IS
WHSG4-UNV-T8-LB
WHSG4-UNV-T8-HB

Programmable Rapid-start

WHPS1-UNV-T8-PS
WHPS2-UNV-T8-PS

NEMA Premium Electronic Ballast Program

Qualifying Models: Hatch Lighting

Instant-start

HL232AIS/UV/HE
HL232BIS/UV/HE
HL232CIS/UV/HE
HL132BIS/UV/HE
HL232AIS/UV/HE
HL232BIS/UV/HE
HL332AIS/UV/HE
HL332BIS/UV/HE
HL232CIS/UV/HE
HL332CIS/UV/HE
HL432AIS/UV/HE
HL332AIS/UV/HE
HL332BIS/UV/HE
HL432BIS/UV/HE
HL332CIS/UV/HE
HL432AIS/UV/HE
HL432BIS/UV/HE

Programmable Rapid-start

HL232APS/UV/HE
HL332APS/UV/HE
HL232BPS/UV/HE
HL232CPS/UV/HE
HL332CPS/UV/HE
HL332APS/UV/HE
HL432APS/UV/HE
HL332BPS/UV/HE
HL332CPS/UV/HE
HL432APS/UV/HE
HL432BPS/UV/HE