



DAMAR®

LIGHTING THE WORLD

BALLASTS

Magnetic Fluorescent

- Only supplier to include wiring accessories with each ballast.
- Available in a wide selection.
- Individually packaged.



Electronic Fluorescent

- Designed, in many applications, to fit in place of existing magnetic ballasts for easy retrofit.
- Available in a wide selection.
- Individually packaged.



Magnetic HID

- Metal Halide/Mercury Vapor and HPS
- Individually packaged kits include mounting hardware and wiring accessories.



HID Accessories

- Oil filled capacitors available in most applications.
- Available in a wide selection for most applications.
- Quartz restrike controllers also available.





DAMAR®

LIGHTING THE WORLD

FLUORESCENT MAGNETIC BALLAST

KEY TO HEADINGS

The reference material in these headings may help you in confirming magnetic fluorescent ballast specifications and in ordering products. Ballasts are grouped according to the type of lamp, number of lamps the ballast will operate and input voltage. The exception to this rule may occur with specialty items. For assistance, please contact your Damar representative.

Bulb:

The type of bulb the ballast will operate.

Volt:

Bulb electrical specs. are based on operating the bulb at the rated voltage.

Item No:

The Damar identification code.

Description:

The industry identification code.

Advance:

Cross reference for Advance.

Universal:

Cross reference for Universal.

Sylvania:

Cross reference for Sylvania.

Master Carton Label:

Number of units per case.

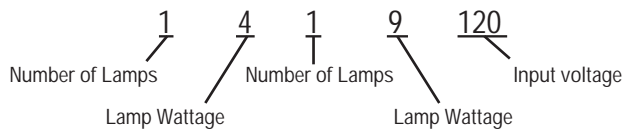
#:
Number of lamps the ballast will operate.

| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|------|---|------|---------|-------------|---------|-----------|----------|---------|
|------|---|------|---------|-------------|---------|-----------|----------|---------|

FLUORESCENT MAGNETIC BALLASTS

PREHEAT START

| | | | | | | | | |
|------|---|-----|--------|-----------|----------|---------------|--|----|
| F4T5 | 1 | 120 | 26517A | 15-19-120 | LPL-5-9 | 548-H2/549-H2 | | 72 |
| | 1 | 120 | 26516A | 14-19-120 | LC-4-9-C | 548-H2/549-H2 | | 72 |



| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|--------------------------------------|---|------|---------|------------------|-------------|---------------|------------------|---------|
| FLUORESCENT MAGNETIC BALLASTS | | | | | | | | |
| PREHEAT START | | | | | | | | |
| F4T5 | 1 | 120 | 26517A | 15-19-120 | LPL-5-9 | 548-H2/549-H2 | | 72 |
| | 1 | 120 | 26516A | 14-19-120 | LC-4-9-C | 548-H2/549-H2 | | 72 |
| F6T5 | 1 | 120 | 26517A | 15-19-120 | LPL-5-9 | 548-H2/549-H2 | | 72 |
| | | | 26516A | 14-19-120 | LC-4-9-C | 548-H2/549-H2 | | 72 |
| F8T5 | 1 | 120 | 26517A | 15-19-120 | LPL-5-9 | 548-H2/549-H2 | | 72 |
| | | | 26516A | 14-19-120 | LC-4-9-C | 548-H2/549-H2 | | 72 |
| | | | 26519A | 113-120TP-IES | LSX-113-TPL | F113P | MB1x8/120PH/TP/S | 30 |
| | 2 | 120 | 26520A | 213-120TP-IES | LSX-213-TP | F213ESP | | 30 |
| F13T5 | 1 | 120 | 26518A | 113-120TP | L-1Q13-TP-W | 4115P | | 30 |
| | | | 26519A | 113-120TP-IES | LSX-113-TPL | F113P | MB1x8/120PH/TP/S | 30 |
| F8 & 13T5 | 2 | 120 | 26520A | 213-120TP-IES | LSX-213-TP | F213ESP | | 30 |
| F13T8 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| F14T8 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F15T8(G15) | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F18T8 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F19T8 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F30T8(G30) | 1 | 120 | 26524A | 140-120TP-PH | L-140F-TP | 202BTCP | | 30 |
| | | | 26525A | 140-120TP-PH-IES | LX-140F-TP | 202-SB-TC-P | MB1x20/120PH | 30 |
| F20T9 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F14T12 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F15T12 | 1 | 120 | 26521A | 113-122-120 | LO-13-22 | 200-H2 | MB1x20/120PH | 60 |
| | | | 26522A | 114-120-120 | LC-14-20-C | N/A | MB1x20/120PH | 50 |
| F30T12 | 1 | 120 | 26524A | 140-120TP-PH | L-140F-TP | 202BTCP | | 30 |
| | | | 26525A | 140-120TP-PH-IES | LX-140F-TP | 202-SB-TC-P | MB1x20/120PH | 30 |
| F40T12 | 1 | 120 | 26524A | 140-120TP-PH | L-140F-TP | 202BTCP | | 30 |
| | | | 26525A | 140-120TP-PH-IES | LX-140F-TP | 202-SB-TC-P | MB1x20/120PH | 30 |
| FC12T9 | 1 | 120 | 26524A | 140-120TP-PH | L-140F-TP | 202BTCP | | 30 |
| | | | 26525A | 140-120TP-PH-IES | LX-140F-TP | 202-SB-TC-P | MB1x20/120PH | 30 |
| FC16T9 | 1 | 120 | 26524A | 140-120TP-PH | L-140F-TP | 202BTCP | | 30 |
| | | | 26525A | 140-120TP-PH-IES | LX-140F-TP | 202-SB-TC-P | MB1x20/120PH | 30 |
| F5TT | 1 | 120 | 26533A | CF-15-19-120TP | LPL-5-9-TP | 4105FP2 | | 72 |
| F7TT | 1 | 120 | 26533A | CF-15-19-120TP | LPL-5-9-TP | 4105FP2 | | 72 |
| | | | 26534A | CF-14-19-120TP | LC-4-9-C-TP | 548-H2/549-H2 | | 72 |
| F9TT | 1 | 120 | 26533A | CF-15-19-120TP | LPL-5-9-TP | 4105FP2 | | 72 |
| | | | 26534A | CF-14-19-120TP | LC-4-9-C-TP | 548-H2/549-H2 | | 72 |
| F13TT | 1 | 120 | 26535A | CF-113-120TP | LC-13-TP | CF1320H2P | | 60 |
| CF28SQ(2D) 2PIN | 1 | 120 | 26524A | 140-120TP-PH | L-140F-TP | 202BTCP | | 30 |
| CF28SQ(2D) 4PIN | 1 | 120 | 26525A | 140-120TP-PH-IES | LX-140F-TP | 202-SB-TC-P | MB1x20/120PH | 30 |

| Bulb | # | Volt | Item No | Description | Universal | Sylvania | Ctn Qty |
|---|---|------|---------|----------------------|---------------|-----------------|--------------------|
| FLUORESCENT MAGNETIC BALLASTS (Cont'd) | | | | | | | |
| TRIGGER START (Cont'd) | | | | | | | |
| F13T8 | 1 | 120 | 26526A | 120-120TP | RLQ-120-TP | 546-B-TC-P | MB1x15/120PH/TP 30 |
| | 2 | 120 | 26527A | 220-120TP | RL-2SP20-TP | 447-LR-VLH-TC-P | MB2x20/120PH/TP 20 |
| F15T8 | 1 | 120 | 26526A | 120-120TP | RLQ-120-TP | 546-B-TC-P | MB1x15/120PH/TP 30 |
| | 2 | 120 | 26527A | 220-120TP | RL-2SP20-TP | 447-LR-VLH-TC-P | MB2x20/120PH/TP 20 |
| F14T12 | 1 | 120 | 26526A | 120-120TP | RLQ-120-TP | 546-B-TC-P | MB1x15/120PH/TP 30 |
| | 2 | 120 | 26527A | 220-120TP | RL-2SP20-TP | 447-LR-VLH-TC-P | MB2x20/120PH/TP 20 |
| F15T12 | 1 | 120 | 26526A | 120-120TP | RLQ-120-TP | 546-B-TC-P | MB1x15/120PH/TP 30 |
| | 2 | 120 | 26527A | 220-120TP | RL-2SP20-TP | 447-LR-VLH-TC-P | MB2x20/120PH/TP 20 |
| F20T12 | 1 | 120 | 26526A | 120-120TP | RLQ-120-TP | 546-B-TC-P | MB1x15/120PH/TP 30 |
| F15T12 | 2 | 120 | 26527A | 220-120TP | RL-2SP20-TP | 447-LR-VLH-TC-P | MB2x20/120PH/TP 20 |
| RAPID START | | | | | | | |
| F25T12 | 2 | 120 | 00632B | 230-120SLHTCP | RM-2SP30-TP | 573-L-TC-P | MB2x30/120RS 10 |
| F30T12 | 1 | 120 | 26528A | 140-120TP-NPF | RL-140-TP | 413-C-TC-P | MB1x40/120RES 30 |
| | 2 | 120 | 00632B | 230-120SLHTCP | RM-2SP30-TP | 573-L-TC-P | MB2x30/120RS 10 |
| F34T12 | 1 | 120 | 25000A | 140-120SLHTCP | R-140-TP | 412-L-SLH-TC-P | MB1x40/120RS 10 |
| | | | 277 | 00338A | 140-277SLHTCP | V-140-TP | 458-L-SLH-TC-P |
| | 2 | 120 | 00598C | 240-120SLHTCP | R-2S40-TP | 446-L-SLH-TC-P | MB2x40/120RS 10 |
| | | | 277 | 00593B | 240-277SLHTCP | V-2S40-TPV | 443-L-SLH-TC-P |
| FB34T12/U | 1 | 120 | 25000A | 140-120SLHTCP | R-140-TP | 412-L-SLH-TC-P | MB1x40/120RS 10 |
| | | | 277 | 00338A | 140-277SLHTCP | V-140-TP | 458-L-SLH-TC-P |
| | 2 | 120 | 00598C | 240-120SLHTCP | R-2S40-TP | 446-L-SLH-TC-P | MB2x40/120RS 10 |
| | | | 277 | 00593B | 240-277SLHTCP | V-2S40-TPV | 443-L-SLH-TC-P |
| F35T12/U | 1 | 120 | 25000A | 140-120SLHTCP | R-140-TP | 412-L-SLH-TC-P | MB1x40/120RS 10 |
| | | | 277 | 00338A | 140-277SLHTCP | V-140-TP | 458-L-SLH-TC-P |
| | 2 | 120 | 00598C | 240-120SLHTCP | R-2S40-TP | 446-L-SLH-TC-P | MB2x40/120RS 10 |
| | | | 277 | 00593B | 240-277SLHTCP | V-2S40-TPV | 443-L-SLH-TC-P |
| F40T12 | 1 | 120 | 25000A | 140-120SLHTCP | R-140-TP | 412-L-SLH-TC-P | MB1x40/120RS 10 |
| | | | 277 | 00338A | 140-277SLHTCP | V-140-TP | 458-L-SLH-TC-P |
| | 2 | 120 | 00598C | 240-120SLHTCP | R-2S40-TP | 446-L-SLH-TC-P | MB2x40/120RS 10 |
| | | | 277 | 00593B | 240-277SLHTCP | V-2S40-TPV | 443-L-SLH-TC-P |
| FB40T12/U | 1 | 120 | 25000A | 140-120SLHTCP | R-140-TP | 412-L-SLH-TC-P | MB1x40/120RS 10 |
| | | | 277 | 00338A | 140-277SLHTCP | V-140-TP | 458-L-SLH-TC-P |
| | 2 | 120 | 00598C | 240-120SLHTCP | R-2S40-TP | 446-L-SLH-TC-P | MB2x40/120RS 10 |
| | | | 277 | 00593B | 240-277SLHTCP | V-2S40-TPV | 443-L-SLH-TC-P |
| FC6T9 | 1 | 120 | 26529A | 120-122-120TP | LC-14-20-C | 200-H2 | MB1x20/120PH 20 |
| FC8T9 | 1 | 120 | 26529A | 120-122-120TP | LC-14-20-C | 200-H2 | MB1x20/120PH 20 |
| FC12T9 | 1 | 120 | 26530A | 132-140-120TP-W | RLCS-140-TP-W | 445-RS-WS-TC-P | MB1x32/120CIRC 20 |
| FC16T9 | 1 | 120 | 26530A | 132-140-120TP-W | RLCS-140-TP-W | 445-RS-WS-TC-P | MB1x32/120CIRC 20 |
| FC8 & 12T9 | 2 | 120 | 26531A | 2232-3240-120HPFTP-W | RS-22-32-TP-W | 449-LR-WS-TC-P | 10 |
| FC12 & 16T9 | 2 | 120 | 26531A | 2232-3240-120HPFTP-W | RS-22-32-TP-W | 449-LR-WS-TC-P | 10 |
| INSTANT START | | | | | | | |
| F60T12 | 1 | 120 | 24882A | 175-120SLHTCP | RSM-175-S-TP | 822-BR-TC-P | MB1x96/120IS 6 |
| | | | 277 | 00659B | 175-277SLHTCP | VSM-175-S-TP | 828-BR-TC-P |
| | 2 | 120 | 00646E | 275-120SLHTCP | R-2E75-S-TP | 806-SLH-TC-P | MB2x96/120IS 6 |

| Bulb | # | Volt | Item No | Description | Universal | Sylvania | Ctn Qty |
|---|---|------|---------|----------------|--------------|---------------|-------------------|
| FLUORESCENT MAGNETIC BALLASTS (Cont'd) | | | | | | | |
| INSTANT START (Cont'd) | | | | | | | |
| F60T12 | 2 | 277 | 01571C | 275-277SLHTCP | V-2E75-S-TP | 827-SLH-TC-P | MB2x96/277IS 6 |
| F64T12 | 1 | 120 | 24882A | 175-120SLHTCP | RSM-175-S-TP | 822-BR-TC-P | MB1x96/120IS 6 |
| | | 277 | 00659B | 175-277SLHTCP | VSM-175-S-TP | 828-BR-TC-P | MB1x96/277IS 6 |
| | 2 | 120 | 00646E | 275-120SLHTCP | R-2E75-S-TP | 806-SLH-TC-P | MB2x96/120IS 6 |
| | | 277 | 01571C | 275-277SLHTCP | V-2E75-S-TP | 827-SLH-TC-P | MB2x96/277IS 6 |
| F72T12 | 1 | 120 | 24882A | 175-120SLHTCP | RSM-175-S-TP | 822-BR-TC-P | MB1x96/120IS 6 |
| | | 277 | 00659B | 175-277SLHTCP | VSM-175-S-TP | 828-BR-TC-P | MB1x96/277IS 6 |
| | 2 | 120 | 00646E | 275-120SLHTCP | R-2E75-S-TP | 806-SLH-TC-P | MB2x96/120IS 6 |
| | | 277 | 01571C | 275-277SLHTCP | V-2E75-S-TP | 827-SLH-TC-P | MB2x96/277IS 6 |
| F84T12 | 1 | 120 | 24882A | 175-120SLHTCP | RSM-175-S-TP | 822-BR-TC-P | MB1x96/120IS 6 |
| | | 277 | 00659B | 175-277SLHTCP | VSM-175-S-TP | 828-BR-TC-P | MB1x96/277IS 6 |
| | 2 | 120 | 00646E | 275-120SLHTCP | R-2E75-S-TP | 806-SLH-TC-P | MB2x96/120IS 6 |
| | | 277 | 01571C | 275-277SLHTCP | V-2E75-S-TP | 827-SLH-TC-P | MB2x96/277IS 6 |
| F96T12 | 1 | 120 | 24882A | 175-120SLHTCP | RSM-175-S-TP | 822-BR-TC-P | MB1x96/120IS 6 |
| | | 277 | 00659B | 175-277SLHTCP | VSM-175-S-TP | 828-BR-TC-P | MB1x96/277IS 6 |
| | 2 | 120 | 00646E | 275-120SLHTCP | R-2E75-S-TP | 806-SLH-TC-P | MB2x96/120IS 6 |
| | | 277 | 01571C | 275-277SLHTCP | V-2E75-S-TP | 827-SLH-TC-P | MB2x96/277IS 6 |
| RAPID START - HIGH OUTPUT | | | | | | | |
| F72T12/HO 85W | 2 | 120 | 24998A | 2110-120XLHTCP | RS-2S110-TP | 480-X-LH-TC-P | MB2X96/HO/120RS 6 |
| | | 277 | 24999A | 2110-277XLHTCP | VS-2S110-TP | 487-X-LH-TC-P | MB2X96/HO/277RS 6 |
| F84T12/HO 100W | 2 | 120 | 24998A | 2110-120XLHTCP | RS-2S110-TP | 480-X-LH-TC-P | MB2X96/HO/120RS 6 |
| | | 277 | 24999A | 2110-277XLHTCP | VS-2S110-TP | 487-X-LH-TC-P | MB2X96/HO/277RS 6 |
| F96T12/HO 95W | 2 | 120 | 24998A | 2110-120XLHTCP | RS-2S110-TP | 480-X-LH-TC-P | MB2X96/HO/120RS 6 |
| | | 277 | 24999A | 2110-277XLHTCP | VS-2S110-TP | 487-X-LH-TC-P | MB2X96/HO/277RS 6 |
| F96T12/HO 110W | 2 | 120 | 24998A | 2110-120XLHTCP | RS-2S110-TP | 480-X-LH-TC-P | MB2X96/HO/120RS 6 |
| | | 277 | 24999A | 2110-277XLHTCP | VS-2S110-TP | 487-X-LH-TC-P | MB2X96/HO/277RS 6 |



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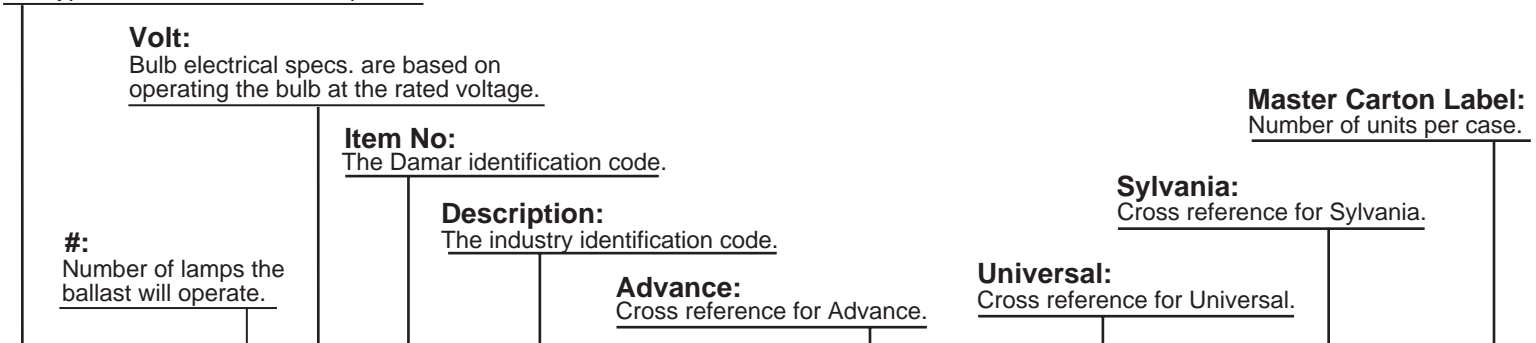
FLUORESCENT ELECTRONIC BALLAST

KEY TO HEADINGS

The reference material in these headings may help you in confirming electronic fluorescent ballast specifications and in ordering products. Ballasts are grouped according to the type of lamp, number of lamps the ballast will operate and input voltage. The exception to this rule may occur with specialty items. For assistance, please contact your Damar representative.

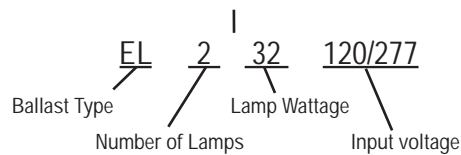
Bulb:

The type of bulb the ballast will operate.



| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|--|---|------|---------|-------------|---------|-----------|----------|---------|
| FLUORESCENT ELECTRONIC BALLASTS | | | | | | | | |
| STANDARD OUTPUT | | | | | | | | |

| | | | | | | | | |
|-------|---|---------|--------|-----------------|-----------|--------------|------------------|----|
| F17T8 | 1 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | 2 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |



| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|--|---|---------|---------|-----------------------|-----------------|-----------------|-------------------|---------|
| FLUORESCENT ELECTRONIC BALLASTS | | | | | | | | |
| STANDARD OUTPUT | | | | | | | | |
| F14T5 | 1 | 120-277 | 26943A | EL214-221T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| | 2 | 120-277 | 26943A | EL214-221T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| F21T5 | 1 | 120-277 | 26943A | EL214-221T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| | 2 | 120-277 | 26943A | EL214-221T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| F28T5 | 1 | 120-277 | 26945A | EL228-235T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| | 2 | 120-277 | 26945A | EL228-235T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| F35T5 | 1 | 120-277 | 26945A | EL228-235T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| | 2 | 120-277 | 26945A | EL228-235T5-120/277HF | ICN2S28 | B228PUNVC | QTP2x28T5/UNVPSN | 20 |
| F42T6 (200mA) | 1 | 120-277 | 04983C | EL259-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 2 | 120-277 | 04983C | EL259-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F64T6 (200mA) | 1 | 120-277 | 04983C | EL259-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 2 | 120-277 | 04983C | EL259-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F15T8 | 1 | 12 | 05330B | EL115-12V | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 50 |
| F17T8 | 1 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | 2 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | | | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | 3 | 120-277 | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | | | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| | 4 | 120-277 | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| F25T8 | 1 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | 2 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | | | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | 3 | 120-277 | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | | | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| | 4 | 120-277 | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| F32T8 | 1 | 12 | 28638A | EL132-40T8-12HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 20 |
| | | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | 2 | 120-277 | 01688B | EL232-120/277HF | IOP2S32SC | B232PUNVHP-A | QTP2x32T8/UNVPSN | 10 |
| | | | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | 3 | 120-277 | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | | | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| | 4 | 120-277 | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| F40T8 | 1 | 12 | 28638A | EL132-40T8-12HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 20 |
| | | 120-277 | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | 2 | 120-277 | 03654C | EL332-120/277HF | IOP3S32SC | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | | | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| | 3 | 120-277 | 03093B | EL432-120/277HF | IOP4S32SC | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| F72T8 (200mA) | 1 | 120-277 | 04983C | EL259-120/277HF | IOP2P59SC | | 10 | |
| | 2 | 120-277 | 04983C | EL259-120/277HF | IOP2P59SC | | 10 | |
| F96T8 (200mA) | 1 | 120-277 | 04983C | EL259-120/277HF | IOP2P59SC | | 10 | |
| | 2 | 120-277 | 04983C | EL259-120/277HF | IOP2P59SC | | 10 | |
| F96T8 | 1 | 120-277 | 04983C | EL259-120/277HF | IOP2P59SC | | 10 | |
| | 2 | 120-277 | 04983C | EL259-120/277HF | IOP2P59SC | | 10 | |
| F40T10 | 1 | 120 | 25000B | EL140-120HF | REL1S40SC | B140R120HP | QTP1x40T12/120RSN | 10 |

| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|---|---|---------|---------|--------------------|-----------------|-----------------|-----------------------|---------|
| FLUORESCENT ELECTRONIC BALLASTS (Cont'd) | | | | | | | | |
| STANDARD OUTPUT (Cont'd) | | | | | | | | |
| F40T10 | 1 | 277 | 00338B | EL140-277HF | VEL1S40SC | B140R277HP | QTP1x40T12/277RSN | 10 |
| | 2 | 120-277 | 03626B | EL240-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 3 | 120-277 | 01293B | EL340-120/277HF | R/VEL3S40RHTCP | B340R120/277HP | QTP3x40T12/120RSN | 10 |
| | 4 | 120-277 | 27799A | EL440-120/277HFRS | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F24T12 | 1 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 2 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F34T12 | 1 | 120 | 25000B | EL140-120HF | REL1S40SC | B140R120HP | QTP1x40T12/120RSN | 10 |
| | | 277 | 00338B | EL140-277HF | VEL1S40SC | B140R277HP | QTP1x40T12/277RSN | 10 |
| | 2 | 120-277 | 03626B | EL240-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 3 | 120-277 | 01293B | EL340-120/277HF | R/VEL3S40RHTCP | B340R120/277HP | QTP3x40T12/120RSN | 10 |
| | 4 | 120-277 | 27799A | EL440-120/277HFRS | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F36T12 | 1 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 2 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F40T12 | 1 | 120 | 25000B | EL140-120HF | REL1S40SC | B140R120HP | QTP1x40T12/120RSN | 10 |
| | | 277 | 00338B | EL140-277HF | VEL1S40SC | B140R277HP | QTP1x40T12/277RSN | 10 |
| | 2 | 120-277 | 03626B | EL240-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 3 | 120-277 | 01293B | EL340-120/277HF | R/VEL3S40RHTCP | B340R120/277HP | QTP3x40T12/120RSN | 10 |
| | 4 | 120-277 | 27799A | EL440-120/277HFRS | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F42T12 | 1 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 2 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F48T12 | 1 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| | 2 | 120-277 | 00577C | EL248T12-120/277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F60T12 | 1 | 120 | 24882B | EL175-120HF | REL2P60S | B260I120HP | QT2x96/120IS | 10 |
| | | 277 | 00659C | EL175-277HF | VEL2P75S | B260I277HP | QT2x96/277IS | 10 |
| | 2 | 120 | 00646F | EL275-120HF | REL2P60S | B260I120RH | QT2x96/120IS | 8 |
| | | 277 | 01571D | EL275-277HF | VEL2P75S | B260I277RH | QT2x96/277IS | 8 |
| F64T12 | 1 | 120 | 24882B | EL175-120HF | REL2P60S | B260I120HP | QT2x96/120IS | 10 |
| | | 277 | 00659C | EL175-277HF | VEL2P75S | B260I277HP | QT2x96/277IS | 10 |
| | 2 | 120 | 00646F | EL275-120HF | REL2P60S | B260I120RH | QT2x96/120IS | 8 |
| | | 277 | 01571D | EL275-277HF | VEL2P75S | B260I277RH | QT2x96/277IS | 8 |
| F72T12 | 1 | 120 | 24882B | EL175-120HF | REL2P60S | B260I120HP | QT2x96/120IS | 10 |
| | | 277 | 00659C | EL175-277HF | VEL2P75S | B260I277HP | QT2x96/277IS | 10 |
| | 2 | 120 | 00646F | EL275-120HF | REL2P60S | B260I120RH | QT2x96/120IS | 8 |
| | | 277 | 01571D | EL275-277HF | VEL2P75S | B260I277RH | QT2x96/277IS | 8 |
| F84T12 | 1 | 120 | 24882B | EL175-120HF | REL2P60S | B260I120HP | QT2x96/120IS | 10 |
| | | 277 | 00659C | EL175-277HF | VEL2P75S | B260I277HP | QT2x96/277IS | 10 |
| | 2 | 120 | 00646F | EL275-120HF | REL2P60S | B260I120RH | QT2x96/120IS | 8 |
| | | 277 | 01571D | EL275-277HF | VEL2P75S | B260I277RH | QT2x96/277IS | 8 |
| F96T12 | 1 | 120 | 24882B | EL175-120HF | REL2P60S | B260I120HP | QT2x96/120IS | 10 |
| | | 277 | 00659C | EL175-277HF | VEL2P75S | B260I277HP | QT2x96/277IS | 10 |
| | 2 | 120 | 00646F | EL275-120HF | REL2P60S | B260I120RH | QT2x96/120IS | 8 |
| | | 277 | 01571D | EL275-277HF | VEL2P75S | B260I277RH | QT2x96/277IS | 8 |
| HIGH OUTPUT | | | | | | | | |
| F24T5 | 1 | 120-277 | 26944A | EL224T5-120/277HF | ICN2S24 | B224PUNVD | QTP2x39-24T5HO/UNVPSN | 20 |

| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|---|---|---------|---------|-------------------|-----------------|-----------------|-----------------------|---------|
| FLUORESCENT ELECTRONIC BALLASTS (Cont'd) | | | | | | | | |
| HIGH OUTPUT (Cont'd) | | | | | | | | |
| F24T5 | 2 | 120-277 | 26944A | EL224T5-120/277HF | ICN2S24 | B224PUNVD | QTP2x39-24T5HO/UNVPSN | 20 |
| F39T5 | 1 | 120-277 | 26946A | EL239T5-120/277HF | ICN2S54 | B254PUNVD | QTP2x54T5HO/UNVPSN | 20 |
| | 2 | 120-277 | 26946A | EL239T5-120/277HF | ICN2S54 | B254PUNVD | QTP2x54T5HO/UNVPSN | 20 |
| F54T5 | 1 | 120-277 | 26947A | EL254T5-120/277HF | ICN2S54 | B254PUNVD | QTP1x54T5HO/UNVPSN | 20 |
| | 2 | 120-277 | 26947A | EL254T5-120/277HF | ICN2S54 | B254PUNVD | QTP1x54T5HO/UNVPSN | 20 |
| F80T5 | 1 | 120-277 | 26948A | EL180T5-120/277HF | ICN1S80 | ES4515K | QTP1x80T5HO/UNVPSN | 20 |
| F48T8 | 2 | 120 | 24186A | EL286T8HO-120RHF | REL2S86 | B286I120RH | | 8 |
| | | 277 | 24187A | EL286T8HO-277RHF | VEL2S86 | B286I277RH | | 8 |
| F60T8 | 2 | 120 | 24186A | EL286T8HO-120RHF | REL2S86 | B286I120RH | | 8 |
| | | 277 | 24187A | EL286T8HO-277RHF | VEL2S86 | B286I277RH | | 8 |
| F72T8 | 2 | 120 | 24186A | EL286T8HO-120RHF | REL2S86 | B286I120RH | | 8 |
| | | 277 | 24187A | EL286T8HO-277RHF | VEL2S86 | B286I277RH | | 8 |
| F96T8 | 2 | 120 | 24186A | EL286T8HO-120RHF | REL2S86 | B286I120RH | | 8 |
| | | 277 | 24187A | EL286T8HO-277RHF | VEL2S86 | B286I277RH | | 8 |
| F24T12 | 2 | 120 | 00617B | EL248HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 04380B | EL248HO-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F36T12 | 2 | 120 | 00617B | EL248HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 04380B | EL248HO-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F42T12 | 2 | 120 | 00617B | EL248HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 04380B | EL248HO-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F48T12 | 1 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F48T12 | 2 | 120 | 00617B | EL248HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| F48T12 | 2 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F48T12 | 2 | 277 | 04380B | EL248HO-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 |
| F60T12 | 1 | 120 | 00612B | EL1110-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 00613B | EL1110-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | 2 | 120 | 24998B | EL2110-120HF | REL2S110 | B295SR120HP | QT2x96/120HO | 8 |
| | | 277 | 24999B | EL2110-277HF | VEL2S110 | B295SR277HP | QT2x96/277HO | 8 |
| F64T12 | 1 | 120 | 00612B | EL1110-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 00613B | EL1110-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | 2 | 120 | 24998B | EL2110-120HF | REL2S110 | B295SR120HP | QT2x96/120HO | 8 |
| | | 277 | 24999B | EL2110-277HF | VEL2S110 | B295SR277HP | QT2x96/277HO | 8 |
| F72T12 | 1 | 120 | 00612B | EL1110-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 00613B | EL1110-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | 2 | 120 | 24998B | EL2110-120HF | REL2S110 | B295SR120HP | QT2x96/120HO | 8 |
| | | 277 | 24999B | EL2110-277HF | VEL2S110 | B295SR277HP | QT2x96/277HO | 8 |
| F84T12 | 1 | 120 | 00612B | EL1110-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 00613B | EL1110-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | 2 | 120 | 24998B | EL2110-120HF | REL2S110 | B295SR120HP | QT2x96/120HO | 8 |
| | | 277 | 24999B | EL2110-277HF | VEL2S110 | B295SR277HP | QT2x96/277HO | 8 |
| F96T12 | 1 | 120 | 00612B | EL1110-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | | 277 | 00613B | EL1110-277HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 8 |
| | 2 | 120 | 24998B | EL2110-120HF | REL2S110 | B295SR120HP | QT2x96/120HO | 8 |
| | | 277 | 24999B | EL2110-277HF | VEL2S110 | B295SR277HP | QT2x96/277HO | 8 |

| Bulb | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty | |
|---|---|---------|---------|--------------------|-----------------|-----------------|-----------------|---------------------|----|
| FLUORESCENT ELECTRONIC BALLASTS (Cont'd) | | | | | | | | | |
| HIGH OUTPUT (Cont'd) | | | | | | | | | |
| F48T10/VHO | 1 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 | |
| | 2 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 | |
| F60T10/VHO | 1 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 | |
| | 2 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 | |
| F72T10/VHO | 1 | 120 | 24004B | EL272HO-120HF | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | DAMAR EXCLUSIVE | 10 | |
| COMPACT FLUORESCENT | | | | | | | | | |
| F36LTT | 1 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | 2 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| F39LTT | 1 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | 2 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| F40LTT | 1 | 120-277 | 28033A | EL240LTT-120/277HF | | | C240PUNVHP-B | | 10 |
| | | | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | | | 03654C | EL332-120/277HF | IOP3S32SC | | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | 2 | 120-277 | 28033A | EL240LTT-120/277HF | | | C240PUNVHP-B | | 10 |
| | | | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | | | 03654C | EL332-120/277HF | IOP3S32SC | | B332PUNVHP-A | QTP3x32T8/UNVPSN | 10 |
| | | | 03093B | EL432-120/277HF | IOP4S32SC | | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| | 3 | 120-277 | 03093B | EL432-120/277HF | IOP4S32SC | | B432PUNVHP-A | QTP4x32T8/UNVPSN | 10 |
| F50LTT | 1 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| F55LTT | 1 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| CFM13W | 1 | 120-277 | 23350D | EL218CF-120/277HF | ICF2S18 | C218UN | V | QTP1/2x18CF/UNV | 12 |
| | 2 | 120-277 | 23350D | EL218CF-120/277HF | ICF2S18 | C218UN | V | QTP1/2x18CF/UNV | 12 |
| CFM18W | 1 | 120-277 | 23350D | EL218CF-120/277HF | ICF2S18 | C218UN | V | QTP1/2x18CF/UNV | 12 |
| | 2 | 120-277 | 23350D | EL218CF-120/277HF | ICF2S18 | C218UN | V | QTP1/2x18CF/UNV | 12 |
| CFM26W | 1 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | 2 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | | | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |
| CFM32W | 1 | 120-277 | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |
| | | | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | 2 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| CFM42W | 1 | 120-277 | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |
| | | | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| | 2 | 120-277 | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| CF28SQ | 1 | 120-277 | 23350D | EL218CF-120/277HF | ICF2S18 | C218UN | V | QTP1/2x18CF/UNV | 12 |
| | | | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |
| CF38SQ | 1 | 120-277 | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |
| | | | 23358C | EL242CF-120/277HF | ICF2S42 | C242UN | V | QTP2x26/32/42CF/UNV | 12 |
| FC9T5 | 1 | 120-277 | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |
| FC12T5 | 1 | 120-277 | 20091D | EL226CF-120/277HF | ICF2S26 | C2642UN | V | QTP2x26CF/UNV | 12 |



DAMAR®

LIGHTING THE WORLD

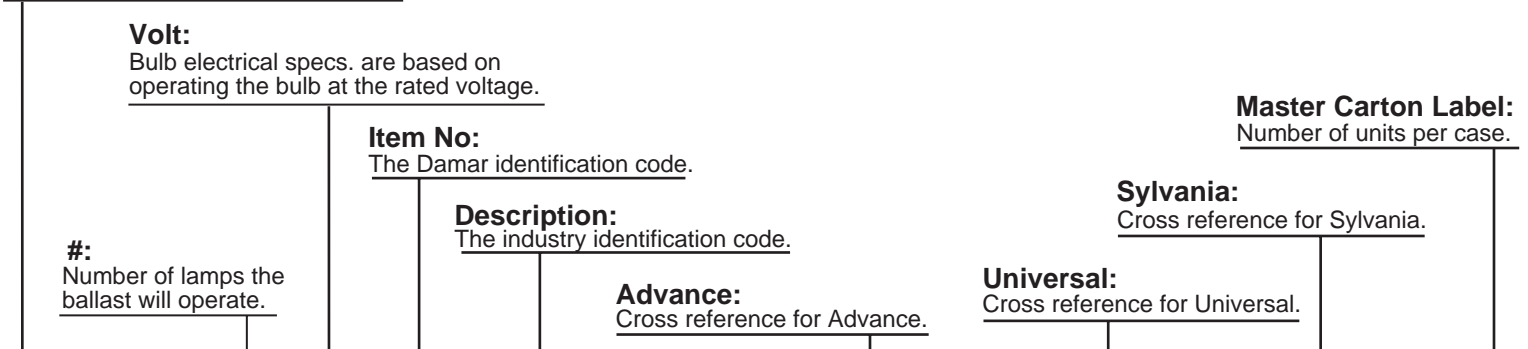
HID MAGNETIC BALLAST

KEY TO HEADINGS

The reference material in these headings may help you in confirming HID magnetic ballast specifications and in ordering products. Ballasts are grouped by product line, then into groups according to the lamp wattage and primary ballast voltage. The exception to this rule may occur with specialty items. For assistance, please contact your Damar representative.

Bulb Watt - ANSI:

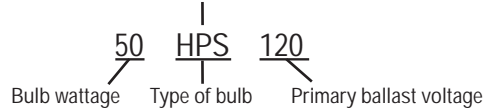
Lamp wattage and ballast ANSI code.



| Bulb Watt - ANSI | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|------------------|---|------|---------|-------------|---------|-----------|----------|---------|
|------------------|---|------|---------|-------------|---------|-----------|----------|---------|

HID MAGNETIC BALLASTS

| HIGH PRESSURE SODIUM | | | | | | | | |
|----------------------|---|-----|--------|-------------|---------|----------------|-----------|---|
| 35W - S76 | 1 | 120 | 24253A | 35WHPS 120V | 71A7707 | S35120RCEM000K | LU35/120R | 1 |
| 50W - S68 | 1 | 120 | 08016B | 50WHPS 120V | 71A7807 | S50120RCEM000K | LU50/120R | 1 |



120 = 120V
 Dual = 120V/277V
 Quad = 120V/208V/240V/277V
 480 = 480V
 5Tap = 120V/208V/240V/277V/480V

| Bulb Watt / ANSI | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|------------------------------|---|------|--------------|-----------------|---------------|------------------|----------------------|---------|
| HID MAGNETIC BALLASTS | | | | | | | | |
| HIGH PRESSURE SODIUM | | | | | | | | |
| 35W - S76 | 1 | 120 | 24253A | 35WHPS 120V | 71A7707 | S35120RCEM000K | LU35/120R | 1 |
| 50W - S68 | 1 | 120 | 08016B | 50WHPS 120V | 71A7807 | S50120RCEM000K | LU50/120R | 1 |
| | | | DUAL 22473A | 50WHPS DUAL | 71A7801-001D | S50MLTLC3M500K | LU50/120/277-KIT | 1 |
| 70W - S62 | 1 | 120 | 07213D | 70WHPS 120V | 71A7909 | S70120RCEM500K | No Cross | 1 |
| | | | QUAD 22474A | 70WHPS QUAD | 71A7971-001D | S70MLTLC3M500K | LU70/MULTI-KIT | 1 |
| 100W - S54 | 1 | 120 | 07422B | 100WHPS 120V | 71A8007 | S100120RCEM000K | LU100/120R | 1 |
| | | | QUAD 22475A | 100WHPS QUAD | 71A8071-001D | S100MLTLC3M500K | LU100/MULTI-KIT | 1 |
| | | | 480 22475C | 100WHPS 480V | 71A8041-001D | S10048TLC3M500K | LU100/480-KIT | 1 |
| 150W - S55 | 1 | 120 | 06430B | 150WHPS 120V | 71A8107 | S150120RCEM000K | LU150/120R | 1 |
| | | | QUAD 00708B | 150WHPS QUAD | 71A8172-001D | S150MLTLC3M500K | LU150/MULTI-KIT | 1 |
| | | | 480 24297A | 150WHPS 480V | 71A8142-001D | S15048TLC3M500K | LU150/480-KIT | 1 |
| 200W - S66 | 1 | | QUAD 25938A | 200WHPS QUAD | 71A8970-001D | S200MLTAC4M500K | LU200/MULTI-KIT | 1 |
| | | | 480 25939A | 200WHPS 480V | 71A8940-001D | S20048TAC4M500K | LU200/480-KIT | 1 |
| 250W - S50 | 1 | | QUAD 00726C | 250WHPS QUAD | 71A8271-001D | S250MLTAC4M500K | LU250/MULTI-KIT | 1 |
| | | | 480 00724B | 250WHPS 480V | 71A8241-001D | S25048TAC4M500K | LU250/480-KIT | 1 |
| 400W - S51 | 1 | | QUAD 00737B | 400WHPS QUAD | 71A8473-001D | S400MLTAC4M500K | LU400/MULTI-KIT | 1 |
| | | | 480 00734B | 400WHPS 480V | 71A8443-001D | S40048TAC4M500K | LU400/480-KIT | 1 |
| 1000W - S52 | 1 | | QUAD 00748B | 1000WHPS QUAD | 71A8773-001 | S1000MLTAC5M500K | LU1000/MULTI-KIT | 1 |
| | | | 480 00746A | 1000WHPS 480V | 71A8743-001 | S100048TAC5M500K | LU1000/480-KIT | 1 |
| METAL HALIDE | | | | | | | | |
| 50W - M110 | 1 | | DUAL 05817A | 50WMH DUAL | 71A5181-500D | M50MLTLC3M500K | M50/120/277-KIT | 1 |
| 70W - M98 | 1 | | QUAD 22462A | 70WMH QUAD | 71A5292-001D | M70MLTLC3D500K | M70/MULTI-KIT | 1 |
| 100W - M90/M140 | 1 | | QUAD 02250A | 100WMH QUAD | 71A5390-001D | M100MLTLC3M500K | M100/MULTI-KIT | 1 |
| 150W - M102 | 1 | | QUAD 23393A | 150WMH/PS QUAD | 71A5492-500D | M150MLTLC3M500K | M150/MULTI-PS-KIT | 1 |
| | | | 480 23393B | 150WMH/PS 480V | 71A5442-500DT | M15048TLC3M500K | No Cross | 1 |
| 175W - M57/H39 | 1 | | QUAD 00715B | 175WMH/MV QUAD | 71A5570-001D | M175MLTAC3M500K | M175/MULTI-KIT | 1 |
| | | | 5-TAP 24831A | 175WMH/MV 5-TAP | No Cross | M175ML5AC3M500K | M175/SUPER5-KIT | 1 |
| | | | 480 00715D | 175WMH/MV 480V | 71A5540-001D | M17548TAC3M500K | M175/480-KIT | 1 |
| 175W - M137 | 1 | | QUAD 23394A | 175WMH/PS QUAD | 71A5593-001D | P175MLTAC3M500K | M175/MULTI-PS-KIT | 1 |
| | | | 480 23394B | 175WMH/PS 480V | 71A5543-500DT | P17548TAC3M500K | M175/480-PS-KIT | 1 |
| 200W - M136 | 1 | | QUAD 23395A | 200WMH/PS QUAD | 71A5692-001D | P200MLTAC3M500K | M200/MULTI-PS-KIT | 1 |
| | | | 480 23396A | 200WMH/PS 480V | 71A5642-500DT | P20048TAC3M500K | M200/480/120T-PS-KIT | 1 |
| 250W - M58/H37 | 1 | | QUAD 00722B | 250WMH/MV QUAD | 71A5770-001D | M250MLTAC4M500K | M250/MULTI-KIT | 1 |
| | | | 5-TAP 24616A | 250WMH/MV 5-TAP | 71A5750-001D | M250ML5AC4M500K | M250/SUPER5-KIT | 1 |
| | | | 480 06974B | 250WMH/MV 480V | 71A5741-001D | M25048TAC4M500K | M250/480-3X4-KIT | 1 |
| 250W - M138 | 1 | | QUAD 23397A | 250WMH/PS QUAD | 71A5792-001D | P250MLTAC4M500K | M250/MULTI-PS-KIT | 1 |
| | | | 480 23397B | 250WMH/PS 480V | 71A5742-500DT | P25048TAC4M500K | M250/480-PS-KIT | 1 |
| 320W - M132 | 1 | | QUAD 22472A | 320WMH/PS QUAD | 71A5892-001D | P320MLTAC4M500K | M320/MULTI-PS-KIT | 1 |
| | | | 480 23398A | 320WMH/PS 480V | 71A5842-500DT | P32048TAC4M500K | M320/480/120T-PS-KIT | 1 |
| 350W - M131 | 1 | | QUAD 23399A | 350WMH/PS QUAD | 71A5993-001D | P350MLTAC4M500K | M350/MULTI-PS-KIT | 1 |
| | | | 480 23401A | 350WMH/PS 480V | 71A5943-500DT | P35048TAC4M500K | M350/480/120T-PS-KIT | 1 |
| 400W - M59/H33 | 1 | | QUAD 00732C | 400WMH/MV QUAD | 71A6071-001D | M400MLTAC4M500K | M400/MULTI-KIT | 1 |
| | | | 5-TAP 24614A | 400WMH/MV 5-TAP | 71A6051-001D | M400ML5AC4M500K | M400/SUPER5-KIT | 1 |
| | | | 480 00730C | 400WMH/MV 480V | 71A6041-001D | M40048TAC4M500K | M400/480-KIT | 1 |

| Bulb Watt / ANSI | # | Volt | Item No | Description | Advance | Universal | Sylvania | Ctn Qty |
|---------------------------------------|---|------|---------|-----------------|-----------------|------------------|--------------------|----------------------|
| HID MAGNETIC BALLASTS (Cont'd) | | | | | | | | |
| METAL HALIDE (Cont'd) | | | | | | | | |
| 400W - M135 | 1 | QUAD | 23400A | 400WMH/PS QUAD | 71A6092-001D | P400MLTAC4M500K | M400/MULTI-PS-KIT | 1 |
| | | | 480 | 23400B | 400WMH/PS 480V | 71A6042-500DT | P40048TAC4M500K | M400/480/120T-PS-KIT |
| 1000W - M47/H36 | 1 | QUAD | 00744C | 1000WMH/MV QUAD | 71A6572-001 | M1000MLTAC5M500K | M1000/MULTI-KIT | 1 |
| | | | 480 | 00742B | 1000WMH/MV 480V | 71A6542-001 | M100048TAC5M500K | M1000/480-KIT |
| 1000W - M141 | 1 | QUAD | 23452A | 1000WMH/PS QUAD | 71A6593-500 | P1000MLTAC5M500K | M1000/MULTI-PS-KIT | 1 |
| | | | 480 | 23452B | 1000WMH/PS 480V | 71A6541-500 | P100048TAC5M500K | M1000/480-PS-KIT |
| 1500W - M48 | 1 | QUAD | 22463A | 1500WMH QUAD | 71A6772-001 | M1500MLTAC5M500K | M1500/MULTI-KIT | 1 |
| | | | 480 | 22464A | 1500WMH 480V | 71A6742-001 | M150048TAC5M500K | M1500/480-KIT |



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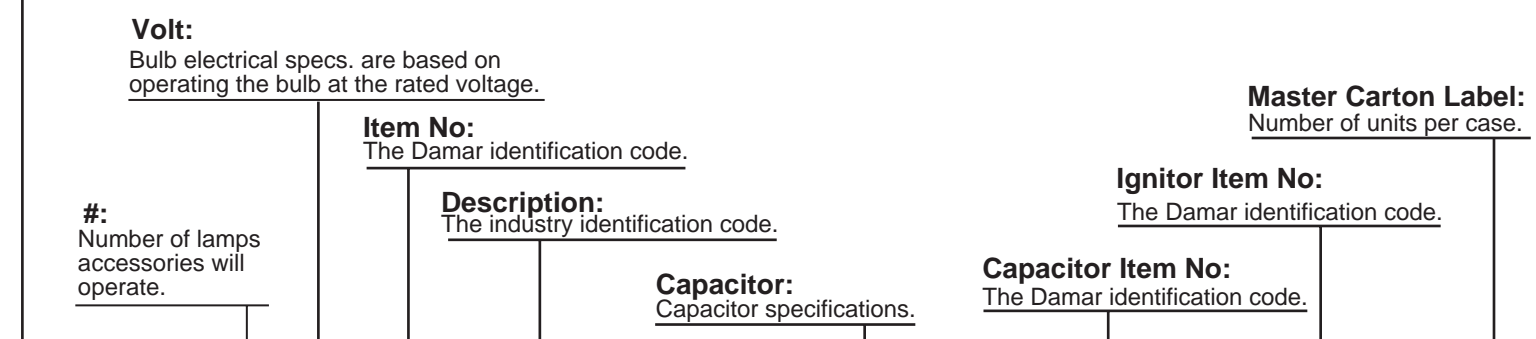
HID MAGNETIC BALLAST ACCESSORIES

KEY TO HEADINGS

The reference material in these headings may help you in confirming HID magnetic ballast accessory specifications and in ordering products. Ballasts accessories are grouped by product line, then into groups according to the lamp wattage primary ballast voltage. The exception to this rule may occur with specialty items. For assistance, please contact your Damar representative.

Bulb Watt - ANSI:

Lamp wattage and ballast ansi code.



| Bulb Watt - ANSI | # | Volt | Item No | Description | Cap uF - Volt | Capacitor Item No | Ignitor Item No | Ctn Qty |
|---|---|------|---------|-------------|------------------|-------------------|-----------------|------------|
| HID MAGNETIC BALLAST ACCESSORIES | | | | | | | | |
| HIGH PRESSURE SODIUM | | | | | | | | |

| | | | | | | | | |
|------------|---|------|--------|--------------|------------|--------|--------|---|
| 200W - S66 | 1 | QUAD | 25938A | 200WHPS QUAD | 28uF - 300 | 22937B | 02109A | 1 |
| | | 480 | 25939A | 200WHPS 480V | 28uF - 300 | 22937B | 02109A | 1 |



- 120 = 120V
- Dual = 120V/277V
- Quad = 120V/208V/240V/277V
- 480 = 480V
- 5Tap = 120V/208V/240V/277V/480V

| Bulb Watt / ANSI | # | Volt | Item No | Description | Cap | | Ignitor Item No | Ctn Qty |
|---|---|------|--------------|-----------------|---------------|-------------------|-----------------|---------|
| | | | | | uF - Volt | Capacitor Item No | | |
| HID MAGNETIC BALLAST ACCESSORIES | | | | | | | | |
| HIGH PRESSURE SODIUM | | | | | | | | |
| 35W - S76 | 1 | 120 | 24253A | 35WHPS 120V | - | - | 02070A | 1 |
| 50W - S68 | 1 | 120 | 08016B | 50WHPS 120V | - | - | 02070A | 1 |
| | | | DUAL 22473A | 50WHPS DUAL | 5uF - 280V | 22997A | 02070A | 1 |
| 70W - S62 | 1 | 120 | 07213D | 70WHPS 120V | - | - | 02070A | 1 |
| | | | QUAD 22474A | 70WHPS QUAD | 7uF - 280V | 22933A | 02070A | 1 |
| 100W - S54 | 1 | 120 | 07422B | 100WHPS 120V | - | - | 02070A | 1 |
| | | | QUAD 22475A | 100WHPS QUAD | 10uF - 280V | 22934A | 02070A | 1 |
| | | | 480 22475C | 100WHPS 480V | 10uF - 280V | 22934A | 02070A | 1 |
| 150W - S55 | 1 | 120 | 06430B | 150WHPS 120V | - | - | 02070A | 1 |
| | | | QUAD 00708B | 150WHPS QUAD | 16uF - 280V | 24269A | 02070A | 1 |
| | | | 480 24297A | 150WHPS 480V | 16uF - 280V | 24269A | 02070A | 1 |
| 200W - S66 | 1 | 120 | QUAD 25938A | 200WHPS QUAD | 28uF - 300V | 22937B | 02109A | 1 |
| | | | 480 25939A | 200WHPS 480V | 28uF - 300V | 22937B | 02109A | 1 |
| 250W - S50 | 1 | 120 | QUAD 00726C | 250WHPS QUAD | 35uF - 280V | 22936A | 02109A | 1 |
| | | | 480 00724B | 250WHPS 480V | 35uF - 280V | 22936A | 02109A | 1 |
| 400W - S51 | 1 | 120 | QUAD 00737B | 400WHPS QUAD | 55uF - 300V | 03860A | 02109A | 1 |
| | | | 480 00734B | 400WHPS 480V | 55uF - 300V | 03860A | 02109A | 1 |
| 1000W - S52 | 1 | 120 | QUAD 00748B | 1000WHPS QUAD | 26uF - 525V | 22937A | 03062A | 1 |
| | | | 480 00746A | 1000WHPS 480V | 26uF - 525V | 22937A | 03062A | 1 |
| METAL HALIDE | | | | | | | | |
| 50W - M110 | 1 | 120 | DUAL 05817A | 50WMH DUAL | 6uF - 280V | 22925A | 02110B | 1 |
| 70W - M98 | 1 | 120 | QUAD 22462A | 70WMH QUAD | 8uF - 280V | 22926A | 02110B | 1 |
| 100W - M90/M140 | 1 | 120 | QUAD 02250A | 100WMH QUAD | 12uF - 280V | 22927A | 02110B | 1 |
| 150W - M102 | 1 | 120 | QUAD 23393A | 150WMH/PS QUAD | 16uF - 280V | 24269A | 02110B | 1 |
| | | | 480 23393B | 150WMH/PS 480V | 16uF - 280V | 24269A | 02110B | 1 |
| 175W - M57/H39 | 1 | 120 | QUAD 00715B | 175WMH/MV QUAD | 10uF - 400V | 02684A | - | 1 |
| | | | 5-TAP 24831A | 175WMH/MV 5-TAP | 10uF - 400V | 02684A | - | 1 |
| | | | 480 00715D | 175WMH/MV 480V | 10uF - 400V | 02684A | - | 1 |
| 175W - M137 | 1 | 120 | QUAD 23394A | 175WMH/PS QUAD | 12.5uF - 330V | 24270A | 02110B | 1 |
| | | | 480 23394B | 175WMH/PS 480V | 12.5uF - 330V | 24270A | 02110B | 1 |
| 200W - M136 | 1 | 120 | QUAD 23395A | 200WMH/PS QUAD | 15uF - 330V | 23395B | 02110B | 1 |
| | | | 480 23396A | 200WMH/PS 480V | 15uF - 330V | 23395B | 02110B | 1 |
| 250W - M58/H37 | 1 | 120 | QUAD 00722B | 250WMH/MV QUAD | 15uF - 400V | 06826C | - | 1 |
| | | | 5-TAP 24616A | 250WMH/MV 5-TAP | 15uF - 400V | 06826C | - | 1 |
| | | | 480 06974B | 250WMH/MV 480V | 15uF - 400V | 06826C | - | 1 |
| 250W - M138 | 1 | 120 | QUAD 23397A | 250WMH/PS QUAD | 15uF - 400V | 06826C | 02110B | 1 |
| | | | 480 23397B | 250WMH/PS 480V | 15uF - 400V | 06826C | 02110B | 1 |
| 320W - M132 | 1 | 120 | QUAD 22472A | 320WMH/PS QUAD | 21uF - 354V | 22930A | 02110B | 1 |
| | | | 480 23398A | 320WMH/PS 480V | 21uF - 354V | 22930A | 02110B | 1 |
| 350W - M131 | 1 | 120 | QUAD 23399A | 350WMH/PS QUAD | 21uF - 354V | 22930A | 02110B | 1 |
| | | | 480 23401A | 350WMH/PS 480V | 21uF - 354V | 22930A | 02110B | 1 |
| 400W - M59/H33 | 1 | 120 | QUAD 00732C | 400WMH/MV QUAD | 24uF - 400V | 02713B | - | 1 |
| | | | 5-TAP 24614A | 400WMH/MV 5-TAP | 24uF - 400V | 02713B | - | 1 |
| | | | 480 00730C | 400WMH/MV 480V | 24uF - 400V | 02713B | - | 1 |

| Bulb Watt / ANSI | # | Volt | Item No | Description | Cap uF - Volt | Capacitor Item No | Ignitor Item No | Ctn Qty |
|--|---|------|---------|-----------------|------------------|-------------------|-----------------|------------|
| HID MAGNETIC BALLAST ACCESSORIES (Cont'd) | | | | | | | | |
| METAL HALIDE (Cont'd) | | | | | | | | |
| 400W - M135 | 1 | QUAD | 23400A | 400WMH/PS QUAD | 26uF - 330V | 24272A | 23432A | 1 |
| | | | 480 | 23400B | 400WMH/PS 480V | 26uF - 330V | 24272A | 23432A |
| 1000W - M47/H36 | 1 | QUAD | 00744C | 1000WMH/MV QUAD | 24uF - 480V | 02714A | - | 1 |
| | | | 480 | 00742B | 1000WMH/MV 480V | 24uF - 480V | 02714A | - |
| 1000W - M141 | 1 | QUAD | 23452A | 1000WMH/PS QUAD | 24uF - 480V | 02714A | 03062A | 1 |
| | | | 480 | 23452B | 1000WMH/PS 480V | 24uF - 480V | 02714A | 03062A |
| 1500W - M48 | 1 | QUAD | 22463A | 1500WMH QUAD | 32uF - 525V | 22931A | - | 1 |
| | | | 480 | 22464A | 1500WMH 480V | 32uF - 525V | 22931A | - |