

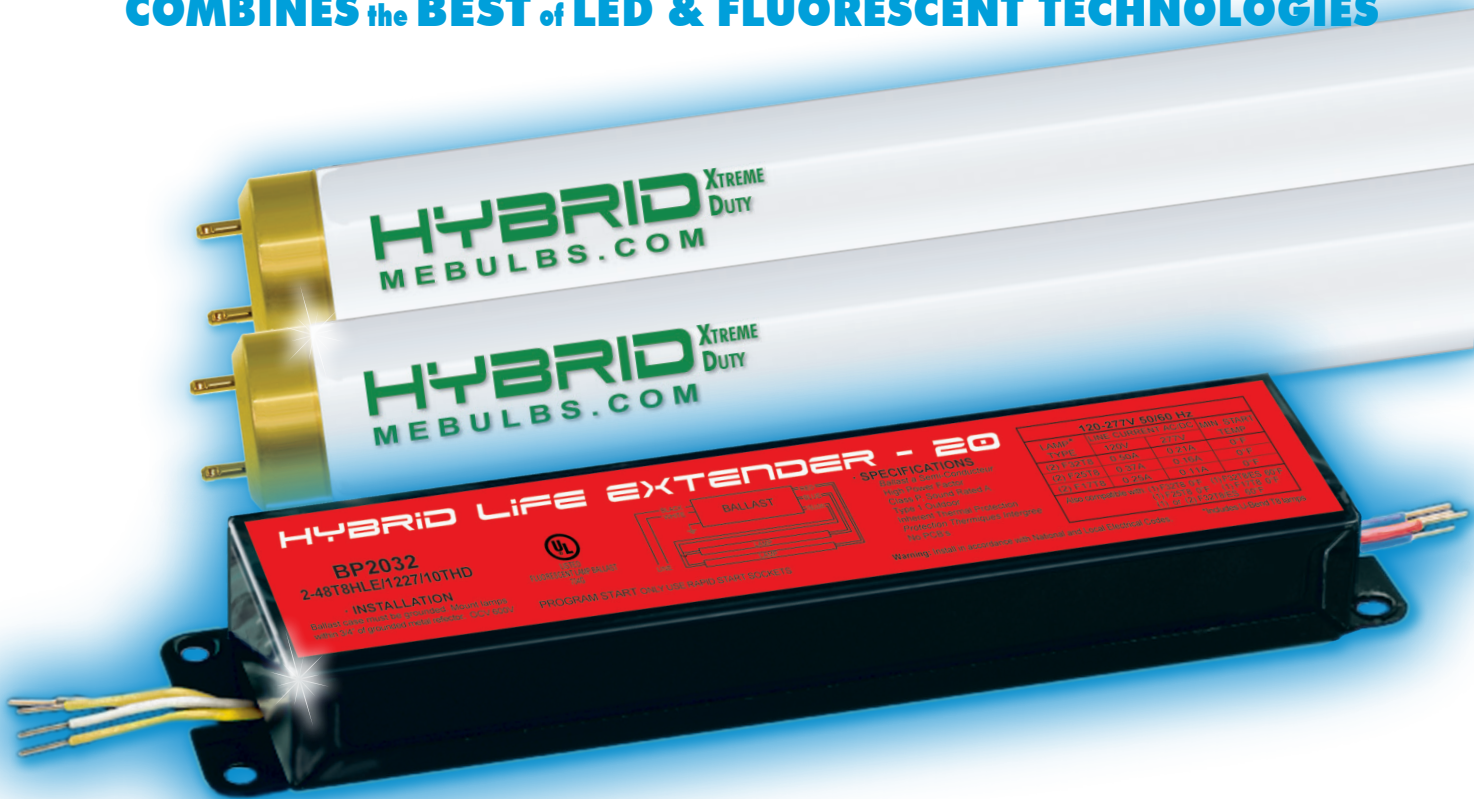
XTREME DUTY™

HYBRID™

BALLAST & LAMP KIT

WHITER & BRIGHTER

COMBINES the BEST of LED & FLUORESCENT TECHNOLOGIES



- **USE FOR T12 RETROFIT**
- **T8 BALLAST REPLACEMENT**

20 YEAR GUARANTEE
BALLAST & LAMPS

UPGRADE YOUR LIGHTING WITH HYBRIDS!

-COMPARE-



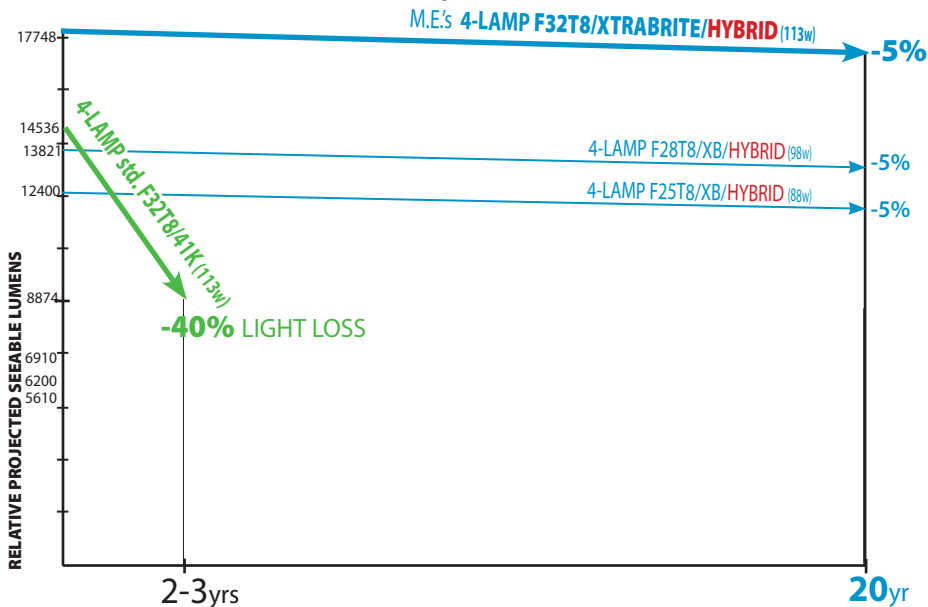
- DIM & YELLOW
- LOSES LIGHT QUICKLY
-40%+ LOSS
- 2-3yrs AVG LIFE



- BRIGHTER & WHITER
- UP TO 49% BRIGHTER
- STAYS BRIGHT
- LESS THAN 5% LOSS OVER LIFE
- 20yr MINIMUM LIFE
- GUARANTEED!

-COMPARE-

STANDARD F32T8/4100K VS. HYBRID



| FIXTURE | Percent Brighter (AVG) | Annual Energy Savings | Years to Payback | Savings After Payback |
|--------------------------|------------------------|-----------------------|------------------|-----------------------|
| 4-lamp F32 XB | +49% | none | none | none |
| 4-lamp F28 XB | +16% | \$24 | 6.88 | \$315 |
| 4-lamp F25 XB | +4% | \$39 | 4.23 | \$615 |
| compared to 4-lamp F32T8 | none | none | none | none |

ENERGY SAVINGS CALCULATED AT 24/7 OPERATION AT \$0.12/KWH PLUS 50% ADDER FOR A/C COST.
 PERCENT BRIGHTER BASED OF AVERAGE SEEABLE LUMENS OVER LIFE OF LAMP.
 PROJECTED SEEABLE LUMENS BASED OFF TROFFER CU OF 0.85 FOR FLUORESCENT TUBES TIMES TOTAL SEEABLE LUMENS.

-COMPARE-



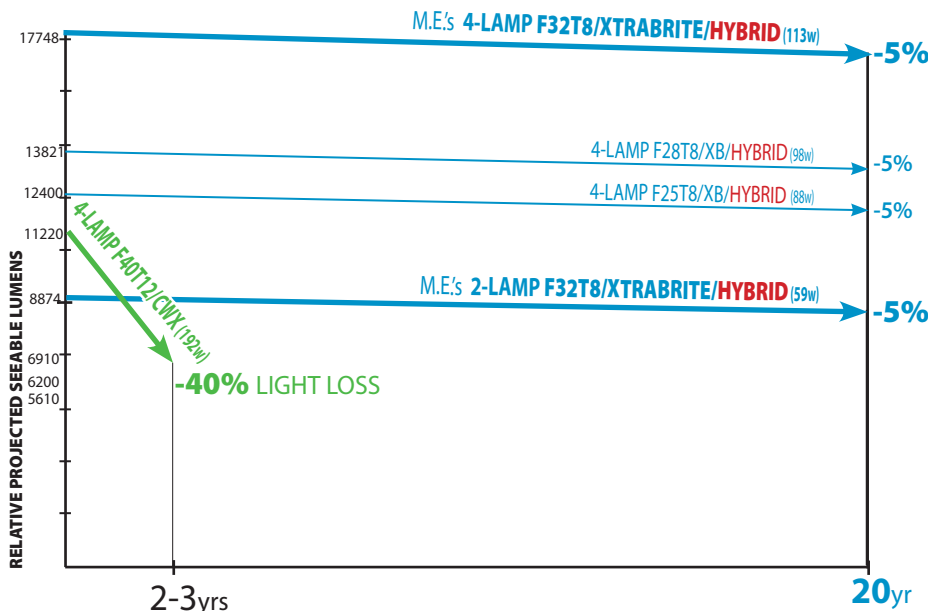
- DIM & YELLOW
- WASTES ENERGY
- OLD TECHNOLOGY
- 2-3yrs AVG LIFE



- BRIGHTER & WHITER
- UP TO 93% BRIGHTER
- LESS THAN 5% LOSS
- SAVES ENERGY
- PAYS FOR ITSELF IN LESS THAN 1.4 YRS
- 20yr MINIMUM LIFE
- GUARANTEED!

-COMPARE-

STANDARD F40T12/CWX VS. HYBRID



| FIXTURE | Percent Brighter (AVG) | Annual Energy Savings | Years to Payback | Savings After Payback |
|---------------------------|------------------------|-----------------------|------------------|-----------------------|
| 4-lamp F32 XB | +93% | \$124 | 1.31 | \$2,277 |
| 4-lamp F28 XB | +50% | \$148 | 1.12 | \$2,686 |
| 4-lamp F25 XB | +35% | \$164 | 1.01 | \$2,897 |
| compared to 4-lamp F40T12 | none | none | none | none |

DELAMPING:

| | | | | |
|---------------------------|------------|--------------|------|---------|
| 2-lamp F32 XB | -4% | \$209 | 0.49 | \$3,986 |
| compared to 4-lamp F40T12 | none | none | none | none |

ENERGY SAVINGS CALCULATED AT 24/7 OPERATION AT \$0.12/KWH PLUS 50% ADDER FOR A/C COST.
 PERCENT BRIGHTER BASED OF AVERAGE SEEABLE LUMENS OVER LIFE OF LAMP.
 PROJECTED SEEABLE LUMENS BASED OFF TROFFER CU OF 0.85 FOR FLUORESCENT TUBES TIMES TOTAL SEEABLE LUMENS.

HYBRID™ BALLAST & LAMPS KITS

| DESCRIPTION | GUARANTEE | REF | KEY | 2+ | 3+ | 5+ | 10+* | CODE | ME INPUT WATTS | % SAVED | T12 STD. INPUT WATTS | ANNUAL ENERGY SAVINGS* | with A/C INCLUDED** | % BRIGHTER | |
|--|-----------|-----|-----|----|----|----|------|--------|----------------|---------|----------------------|------------------------|---------------------|------------|------------|
| | | | | | | | | | | | | | | NEW to NEW | AVG to AVG |
| 4'T8 BALLAST + LAMPS 20-YEAR HYBRID KITS *For PARTIAL quantities (i.e. below FULL box quantity), lamps must be sold at REF price. | | | | | | | | | | | | | | | |
| 2-LAMP kit • FULL BOX SIZE = 6 KITS (=12 lamps + 6 ballasts) / PARTIAL BOX SIZE minimum 1 KIT (=2 lamps + 1 ballast) | | | | | | | | | | | | | | | |
| NEW F32T8/VLX9155TC/HB X.DUTY | 20 YR | — | | | | | | HP2326 | 59W/39% | | 96W | \$38.89 / \$58.34 | | +57%/+93% | |
| F32T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP2325 | 59W/39% | | 96W | \$38.89 / \$58.34 | | +57%/+93% | |
| F28T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP2285 | 49W/49% | | 96W | \$49.40 / \$74.11 | | +29%/+33% | |
| F25T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP2255 | 44W/53% | | 96W | \$54.66 / \$81.99 | | +16%/+19% | |
| 3-LAMP kit • FULL BOX SIZE = 4 KITS (=12 lamps + 4 ballasts) / PARTIAL BOX SIZE minimum 1 KIT (=3 lamps + 1 ballast) | | | | | | | | | | | | | | | |
| NEW F32T8/VLX9155TC/HB X.DUTY | 20 YR | — | | | | | | HP3326 | 86W/39% | | 144W | \$68.33 / \$102.49 | | +57%/+93% | |
| F32T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP3325 | 86W/39% | | 144W | \$68.33 / \$102.49 | | +57%/+93% | |
| F28T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP3285 | 73W/49% | | 144W | \$74.63 / \$111.95 | | +29%/+33% | |
| F25T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP3255 | 68W/53% | | 144W | \$79.89 / \$119.84 | | +16%/+19% | |
| 4-LAMP kit • FULL BOX SIZE = 3 KITS (=12 lamps + 3 ballasts) / PARTIAL BOX SIZE minimum 1 KIT (=4 lamps + 1 ballast) | | | | | | | | | | | | | | | |
| NEW F32T8/VLX9155TC/HB X.DUTY | 20 YR | — | | | | | | HP4326 | 113W/39% | | 192W | \$83.04 / \$124.57 | | +57%/+93% | |
| F32T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP4325 | 113W/39% | | 192W | \$83.04 / \$124.57 | | +57%/+93% | |
| F28T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP4285 | 98W/49% | | 192W | \$98.81 / \$148.22 | | +29%/+33% | |
| F25T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | HP4255 | 88W/53% | | 192W | \$109.32 / \$163.99 | | +16%/+19% | |

SIMPLE INSTALL: **90+% OF FIXTURES will NOT require a socket change.** **<10% OF FIXTURES might need sockets changed**

T-12 FIXTURES • USE EXISTING SOCKETS T-8 FIXTURES CONVERTED FROM T-12 • USE EXISTING SOCKETS

T-8 FIXTURES INSTALLED as NEW
 • CHANGE TO HYBRID SOCKETS
 • Fixture probably has T8 Instant Start sockets. Replace with HYBRID sockets automatically included with kit.

HYBRID™ BALLAST & LAMPS 8' CONVERSION KITS

2 - 8' LAMPS → **CONVERT** → **4 - 4' LAMPS**

KIT INCLUDES (4) CONVERSION SOCKET PLATES!

| | | | | | | | | | | | | | | | |
|---|-------|---|--|--|--|--|--|--------|----------|--|------|--------------------|--|-----------|--|
| 4' T8 LAMP + BALLAST + CONVERSION SOCKETS *For PARTIAL quantities (i.e. below FULL box quantity), lamps must be sold at REF price. | | | | | | | | | | | | | | | |
| CONVERT 2-8' TO 4-4' • FULL BOX SIZE = 3 KITS (=12 lamps + 3 ballasts) / PARTIAL BOX SIZE minimum 1 KIT (=4 lamps + 1 ballast) | | | | | | | | | | | | | | | |
| NEW F32T8/VLX9155TC/HB X.DUTY | 20 YR | — | | | | | | RP4326 | 113W/34% | | 173W | \$63.07 / \$94.61 | | +69%/+93% | |
| F32T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | RP4325 | 113W/34% | | 173W | \$63.07 / \$94.61 | | +69%/+93% | |
| F28T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | RP4285 | 98W/43% | | 173W | \$78.84 / \$118.29 | | +39%/+61% | |

Percent increase in seeable lumens compared to standard F96T12/CWX.

HYBRID™ BALLAST & LAMPS 8' CONVERSION DELAMP KITS

2 - 8' LAMPS → **DELAMP** → **2 - 4' LAMPS**

KIT INCLUDES (4) DELAMP SOCKET PLATES!

| | | | | | | | | | | | | | | | |
|--|-------|---|--|--|--|--|--|--------|---------|--|------|---------------------|--|-----------|--|
| DELAMP 2-8' TO 2-4' • FULL BOX SIZE = 6 KITS (=12 lamps + 6 ballasts) / PARTIAL BOX SIZE minimum 1 KIT (=2 lamps + 1 ballast) | | | | | | | | | | | | | | | |
| NEW F32T8/VLX9155TC/HB X.DUTY | 20 YR | — | | | | | | RP2326 | 59W/66% | | 173W | \$119.84 / \$179.76 | | -15%/0% | |
| F32T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | RP2325 | 59W/66% | | 173W | \$119.84 / \$179.76 | | 15%/0% | |
| F28T8/AWX8550TC/HB X.DUTY | 20 YR | — | | | | | | RP2285 | 48W/72% | | 173W | \$131.40 / \$197.10 | | -35%/+19% | |

Percent increase in seeable lumens compared to standard F96T12/CWX.

♦FOR LARGER QUANTITIES CALL FOR PRICING



* REPLACING T12 MAGNETIC BALLASTS & LAMPS AT 12¢/kwh 24/7 OPERATION
 ** REDUCED A/C FROM LOWERED WATTAGE CAN ADD UP TO ANOTHER 50% IN SAVINGS