

## LED T5 Direct Fit Replacement Lamp Ballast Compatibility

### 11W LED T5 Direct Fit (LED11WT5H0/22/8xx-G8DR)

| Manufacturer    | Part Number         | Start Method | # of Lamps | Lamp Connect. | N-1 Lamp |      | N Lamp |     |
|-----------------|---------------------|--------------|------------|---------------|----------|------|--------|-----|
|                 |                     |              |            |               | 120      | 277  | 120    | 277 |
| KEYSTONE        | KTEB-239HO-UV-PS-SL | PS           | 2          | Series        | ✓        | P    | ✓      | ✓   |
| Philips-Advance | ICN-2S24-N          | PS           | 2          | Series        | ✓        | P, T | ✓      | ✓   |
| Philips-Advance | ICN-2S39-N          | PS           | 2          | Series        | ✓        | P    | ✓      | ✓   |
| Robertson       | PSA239T5MV(3P20139) | PS           | 2          | Series        | ✓        | P    | ✓      | P   |
| Ultrasave       | ER221347MHT         | PS           | 2          | Series        | ✗        | ✗    | ✗      | ✗   |

✓ = Compatible ✗ = Incompatible P = PF <0.85 T = THD >30% NA = Not applicable

### 25W LED T5 Direct Fit (LED25WT5H0/46/8xx-G8DR)

| Manufacturer      | Part Number                      | Start Method | # of Lamps | Lamp Connect. | N-1 Lamp |     | N Lamp |     |
|-------------------|----------------------------------|--------------|------------|---------------|----------|-----|--------|-----|
|                   |                                  |              |            |               | 120      | 277 | 120    | 277 |
| AC ELECTRONICS    | ESD-A54T5S                       | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| EIKO              | PM-2X54T5 UNV PS                 | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| EIKO              | PM-4X54T5 UNV PS                 | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| ESPEN             | VE254MVHRP                       | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| ESPEN             | VE254MVHRP(11101)                | PS           | 2          | Series        | ✓        | ✗   | ✓      | ✓   |
| ESPEN             | VE454MVHRP(11047)                | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| ESPEN             | VE454MVHRP(11100)                | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Fulham            | RHA-UNV-254-LT5                  | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Fulham            | RHA-UNV-454-LT5                  | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| General Electric  | GE254MVPS90-A                    | PS           | 2          | Parallel      | ✓        | ✓   | ✓      | ✓   |
| General Electric  | GE254MVPS-D-1                    | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| General Electric  | GE254PS347/480-F                 | PS           | 2          | Parallel      | ✓        | ✓   | ✓      | ✓   |
| General Electric  | GE454MVPS90-E-S                  | PS           | 4          | Parallel      | ✓        | ✓   | ✓      | ✓   |
| General Electric  | GE454MVPS90-F                    | PS           | 4          | Parallel      | ✓        | ✓   | ✓      | ✓   |
| General Electric  | GE454PS347/480-E                 | PS           | 4          | Parallel      | ✓        | ✓   | ✓      | ✓   |
| HOWARD INDUSTRIES | EP2/54HO/PRS/MV/W/MC             | PRS          | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| HOWARD INDUSTRIES | EP2/54HO/PRS/MV/W/SC             | PRS          | 2          | Series        | ✓        | P   | ✓      | ✓   |
| HOWARD INDUSTRIES | EP4/54HO/PRS/MV                  | PRS          | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| KEYSTONE          | KTEB-254HO-UV-PS-SL              | PS           | 2          | Series        | ✗        | ✗   | ✗      | ✗   |
| KEYSTONE          | KTEB-254HO-UV-TP-PS              | PS           | 2          | Parallel      | ✓        | P   | ✓      | ✓   |
| KEYSTONE          | KTEB-454HO-UV-PS                 | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Luma              | BLF454-U                         | PS           | 4          |               | ✗        | ✗   | ✓      | ✓   |
| LumaPro           | 4KGE7A EB-454PRS-U               | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Maxlite           | SKEU542HOP                       | PS           | 2          | Series        | ✓        | P   | ✓      | ✓   |
| OSRAM             | QHE 1x54T5HO/UNV DIM-TC          | PRS          | 1          | n.a           | ✗        | ✗   | ✗      | ✗   |
| OSRAM             | QHE 4x54T5HO/347-480 PSN HT SCL  | PRS          | 4          | Series        | 347      | 480 | 347    | 480 |
| OSRAM             | QTP 2x54T5HO/UNV PSN HT          | PRS          | 2          | Series        | ✓        | P   | ✓      | ✓   |
| OSRAM             | QTP 4x54T5HO/UNV PSN HT W        | PRS          | 4          | Series        | ✓        | P   | ✓      | P   |
| OSRAM SYLVANIA    | QHE 2x54T5HO/347-480 PSN HT MCL  | PRS          | 2          | Series        | ✗        | 480 | 347    | 480 |
| OSRAM SYLVANIA    | QHE 2x54T5HO/UNV PSN             | PRS          | 2          | Series        | ✓        | P   | ✓      | ✓   |
| OSRAM SYLVANIA    | QHE 2x54T5HO/UNV PSN             | PRS          | 2          | Series        | ✓        | P   | ✓      | ✓   |
| OSRAM SYLVANIA    | QHE 2x54T5HO/UNV PSN HT          | PRS          | 2          | Series        | ✓        | P   | ✓      | ✓   |
| OSRAM SYLVANIA    | QHE 4x54T5HO/UNV PSN HT SCL[DOE] | PRS          | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| OSRAM SYLVANIA    | QS 2x54T5HO/UNV PS80-SC          | PRS          | 2          | Series        | ✗        | ✗   | ✗      | ✗   |
| OSRAM SYLVANIA    | QTP 1x54T5HO/UNV PSN             | PRS          | 1          | NA            | NA       | NA  | ✓      | ✓   |
| OSRAM SYLVANIA    | QTP 2x54T5HO/347-480 PSN HT      | PRS          | 2          | Series        | 347      | 480 | 347    | 480 |
| OSRAM SYLVANIA    | QTP 4x54T5HO/UNV PSN HT W        | PRS          | 4          | Series        | ✓        | P   | ✓      | P   |
| Philips-Advance   | HCN-2S54-90C-WL                  | PS           | 2          | Series        | ✗        | ✗   | ✗      | ✗   |

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## LED T5 Direct Fit Replacement Lamp Ballast Compatibility

### 25W LED T5 Direct Fit (LED25WT5H0/46/8xx-G8DR)

| Manufacturer      | Part Number                          | Start Method | # of Lamps | Lamp Connect. | N-1 Lamp |     | N Lamp |     |
|-------------------|--------------------------------------|--------------|------------|---------------|----------|-----|--------|-----|
|                   |                                      |              |            |               | 120      | 277 | 120    | 277 |
| Philips-Advance   | HCN-2S54-90C-WL-Rev.A                | PS           |            |               | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | HCN-4S54-90C-2LS-G                   | PS           | 4          | Series        | ✗        | ✗   | ✗      | ✗   |
| Philips-Advance   | ICN-2S54-90C-N (Rev. A)              | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | ICN-2S54-90C-T                       | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | ICN-2S54-N                           | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | ICN-2S54-T                           | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | ICN-4S54-90C-2LS (Rev. F)            | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | ICN-4S54-90C-2LS-G (Rev. B & Rev. J) | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Philips-Advance   | ICRP-4PSP54-90C                      | PS           | 4          | Series        | ✗        | ✗   | ✗      | ✗   |
| Plusrite          | BAF254PS/MV                          | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Plusrite          | BAF454PS/MV                          | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Robertson         | PSL254T5MV                           | PS           | 2          | Series        | ✓        | P   | ✓      | ✓   |
| Robertson         | PST154T5MVW                          | PS           | 1          | NA            | NA       | NA  | ✓      | ✓   |
| Robertson         | PSY454T5MVEL(3P20147)                | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Standard Products | E254T5HOPS347/N/XTRM                 | PS           | 2          | Series        | 347      | NA  | 347    | NA  |
| Standard Products | E454T5HOPS347/N/XTRM                 | PS           | 2          | Series        | 347      | NA  | 347    | NA  |
| SUNPARK           | U-2/54T5H0                           | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| TCP               | E2P54PRSUNVE                         | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Ultrasave         | ER254120MHT-W                        | PS           | 2          | Series        | ✗        | ✗   | ✓      | ✓   |
| Ultrasave         | ER454120MHT-W                        | PS           | 4          | Series        | ✓        | ✓   | ✓      | ✓   |
| Ultrasave         | ER454347HT-W                         | PS           | 4          | Series        | 347      | NA  | 347    | NA  |
| Watran            | DB-254H0-MV-TP-PS-SL                 | PS           | 2          | Series        | ✓        | ✓   | ✓      | ✓   |
| Watran            | DB-4M54-PS-MV-90                     | PS           | 4          | Series        | ✓        | P   | ✓      | ✓   |

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