# MASTER LEDtube HF InstantFit T5 HO - 1500 mm

## **Ballast** Compatibility

### KEY

| | |
|---|---|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

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HF Works with High Frequency ballast (HF)

InstantFit™ TOOLLESS FREE INSTALLATION

| | | | | MAS LEDtube HF 1500mm HO 26W 8xx T5 |
|---|---|---|---|---|
| | | | | Model number / EOC code: 9290012961A / 871869668552500 9290012962A / 871869668554900 9290012963A / 871869668556300 |
| | **Ballast type** | **10nc / Ref. no.** | **Lamps on ballast** | **AC (50 Hz) on HF Ballast Compatible** |
| PHILIPS | HF-E 1/2 49 TL5 II | 9137130407 | 1 | |
| PHILIPS | HF-E 1/2 49 TL5 II | 9137130407 | 2 | |
| PHILIPS | HF-P 1 49 TL5 HO 220-240 | 9137001660 | 1 | * |
| PHILIPS | HF-P 149 TL5 220-240 | 9137001177 | 1 | |
| PHILIPS | HF-P 149 TL5 HO EII 220-240 | 9137006132 | 1 | |
| PHILIPS | HF-P 149 TL5 HO III IDC | 9137130280 | 1 | |
| PHILIPS | HF-P 249 TL5 220-240 | 9137001240 | 2 | |
| PHILIPS | HF-P 249 TL5 HO III IDC | 9137130281 | 2 | |
| PHILIPS | HF-R 149 TL5 220-240 | 9137001181 | 1 | |
| PHILIPS | HF-R TD 149 TL5 EII 220-240 | 9137006062 | 1 | * / dim |
| PHILIPS | HF-S 149 TL5 II | 9137130334 | 1 | * |
| PHILIPS | HF-S 249 TL5 II | 9137130335 | 2 | |
| PHILIPS | HF-R Es 249 TL5 | 9137006621 | 2 | |
| PHILIPS | HF-P Xt 249 TL5 EII 220-240 | 9137006298 | 2 | |
| PHILIPS | HF-P 249 TL5 220-240 | 9137001324 | 2 | |
| PHILIPS | HF-R Es 149 TL5 | 9137006620 | 1 | * / dim |
| PHILIPS | HF-P Xt 149 TL5 EII 220-240 | 9137006297 | 1 | |
| PHILIPS | HF-Pi 1 28/35/49/54 TL5 EII 220-240 | 9137006241 | 1 | |
| PHILIPS | HF-Ri TD 1 28/35/49/54 TL5 E+ | 9137006956 | 1 | |
| PHILIPS | HF-Ri TD 1 35/49/80 TL5 E+ | 9137006957 | 1 | |
| PHILIPS | HF-Pi 1 28/35/49/80 TL5 EII | 9137006525 | 1 | |
| PHILIPS | HF-R 149 TL5 EII | 9137006086 | 1 | * / dim |
| PHILIPS | HF-Pi 1 28/35/49/80 TL5 EII 220-240 | 9137006525 | 1 | |
| PHILIPS | HF-P 249 TL5 HO III IDC 4CIC | 9137130281 | 2 | |
| PHILIPS | HF-P 249 TL5 HO III IDC C2E | 9137130281 | 2 | |
| PHILIPS | HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 | |
| PHILIPS | HF-Pi 2 28/35/49/80 TL5 EII | 9137006526 | 2 | |
| PHILIPS | HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006958 | 2 | |
| PHILIPS | HF-R 249 TL5 EII | 9137006087 | 2 | |
| PHILIPS | HF-Pi 2 28/35/49/80 TL5 EII 220-240 | 9137006526 | 2 | |
| PHILIPS | HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006561 | 2 | |
| OSRAM | QT-FIT5 1X49 | | 1 | |
| OSRAM | QT-FIT5 2X49 | | 2 | |
| OSRAM | QT-FQ 1X49/230-240 CW | | 1 | * |
| OSRAM | QTP5 1x49 (SHORTER VERSION) | | 1 | |
| OSRAM | QTP5 2X49 | | 2 | |
| OSRAM | Qti 1x35/49/80 GII | | 1 | * |
| OSRAM | Qti 1x35/49/80 | | 1 | |
| OSRAM | Qti 1x28/54/35/49 GII | | 1 | * |
| OSRAM | Qti 1x35/49/80 DIM | | 1 | |
| OSRAM | Qti DALI 1x35/49/80 DIM | | 1 | |
| OSRAM | Qti 2x35/49/80 GII | | 2 | * |
| OSRAM | Qti 2x28/54/35/49 GII | | 2 | * |
| OSRAM | Qti 2x35/49 DIM | | 2 | |
| OSRAM | Qti 2x35/49/80 DIM | | 2 | |
| OSRAM | Qti DALI 2x35/49/80 DIM | | 2 | |
| HELVAR | EL1X49ngn5 | | 1 | |
| HELVAR | EL1x49s | | 1 | * |
| HELVAR | EL1x49s-u | | 1 | * |
| HELVAR | EL2X49ngn5 | | 2 | |
| HELVAR | EL2x49s | | 2 | |
| HELVAR | EL1×49iDim | | 1 | |
| HELVAR | EL1×49sc | | 1 | |
| HELVAR | EL2×49iDim | | 2 | |

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Works with High Frequency ballast (HF)

InstantFit™ TABLE FREE INSTALLATION

| | Ballast type | 10nc / Ref. no. | Lamps on ballast | MAS LEDtube HF 1500mm HO 26W 8xx T5<br>Model number / EOC code:<br>9290012961A / 871869668552500<br>9290012962A / 871869668554900<br>9290012963A / 871869668556300<br>AC (50 Hz) on HF Ballast Compatible |
|---|---|---|---|---|
| TRIDONIC ATCO | PC 1/49 T5 INDUSTRY | 89800456 | 1 | |
| | PC 1/49 T5 PRO lp | 22087917 | 1 | * |
| | PC 1x49 T5 PRO lp | 22185153 | 1 | |
| | PC 1x49 T5 TOP lp | 22185163 | 1 | |
| | PC 2/49 T5 INDUSTRY | 89800457 | 2 | |
| | PC 2/49 T5 PRO lp | 22087646 | 2 | |
| | PC 2x49 T5 PRO lp | 22185154 | 2 | |
| | PC 2x49 T5 TOP lp | 22185164 | 2 | |
| | PCA 2/49 T5 ECO lp | 22089499 | 2 | |
| | PC 1/14-35/49/80 T5 PRO-M lp | 22176184 | 1 | |
| | PCA 1x35/49/80 T5 ECO lp | 22185096 | 1 | |
| | PCA 1x35/49/80 T5 EXCEL one4all lp | 22185105 | 1 | |
| | PCA 1x49 T5 BASIC lp | 22185082 | 1 | * |
| | PCA 2x35/49 T5 EXCEL one4all lp | 22185106 | 2 | |
| | PCA 2x49 T5 BASIC lp | 22185083 | 2 | * |
| | PCA 2x35/49 T5 ECO lp | 22185097 | 2 | |
| VOSSLOH-SCHWABE | ELXd 249.614 | 188343 | 2 | |
| | ELXc 154.633 | 188946 | 1 | * |
| | ELXc 180.634 | 188947 | 1 | * |
| | ELXd 180.613 | 188342 | 1 | |
| | ELXd 180.605 | 188334 | 1 | |
| | ELXc 149.234 | 183116 | 1 | * |
| | ELXc 254.636 | 188949 | 2 | * |
| | ELXc 280.637 | 188950 | 2 | * |
| | ELXd 249.606 | 188335 | 2 | |
| | ELXd 280.631 | 188605 | 2 | |
| | ELXc 249.235 | 183117 | 2 | * |
| | ELXd 280.630 | 188604 | 2 | |
| BAG-HUECO | BCS49.1FX-11/220-240 | 10077583 | 1 | |
| | BCS49.2FX-11/220-240 | 10077584 | 2 | |
| | MLD54.1FR-11/220-240/DALI | 10097815 | 1 | |
| | BCD49.1F-01/220-240 | 10097247 | 1 | |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 1 | |
| | MLS80.1FR-11/220-240 | 10071608 | 1 | |
| | MLD80.1FR-11/220-240/DALI | 10097820 | 1 | |
| | SCS49.1F-01/220-240 | 0 | 1 | * |
| | MLD54.2FR-11/220-240/DALI | 10092121 | 2 | |
| | BCD49.2F-01/220-240 | 10097297 | 2 | * / dim |
| | MLD80.2FR-11/220-240/DALI | 10101905 | 2 | |
| | MLS54.2F-01/220-240 | 166412 | 2 | |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 2 | * |
| Others | BTLT 149 | 137998/149 | 1 | |
| | BTLT 249 | 137999/49 | 2 | |
| | Direct mains | | | |

## General note Philips Master LEDtube HF InstantFit T5 HO

**General notes**: Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.
Please note that Philips LEDtubes InstantFit T5 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T5 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LEDtubes InstantFit T5 range is designed to work on HF ballasts only. This document is for information purposes only and must be treated as recommendation. Philips will not accept claims for any damage caused by not implementing the recommendations in this document. Philips does not accept any responsibility, warranty or liability when using Philips LEDtubes with ballasts not mentioned in this list, or when using successor models of the tested ballasts. Although Philips aims to provide the most accurate information and test results from controlled experiments the results may vary in different applications. This document focuses on the behaviour of above mentioned Philips LEDtube. Please also check and follow the instructions of HF ballast manufacturers for installation instructions.

Always check the latest update of the compatibility list on www.philips.com/ledtube

**Dimming a LEDtube**: Ballast types indicated in this list with DIM are conditional released by Philips to offer dimming functionality. Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp. All other Philips LED tubes are not developed for dimming therefore the performance cannot be guaranteed in a dimming application. In case of usage of a non dimmable product in a dimmable application, warranty does not apply.