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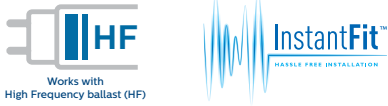


## Ballast Compatibility

### KEY

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

*This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions*



|                 | Ballast type                 | 10nc / Ref. no. | Lamps on ballast |
|-----------------|------------------------------|-----------------|------------------|
| PHILIPS         | HF-P 2 80 TL5/PL-L III IDC   | 9137 130 343    | 2                |
|                 | HF-P I 80 TL5/PL-L III IDC   | 9137 130 342    | 1                |
|                 | HF-P Xt 180 TL5 EII 220-240  | 9137 006 301    | 1                |
|                 | HF-P Xt 280 TL5 EII 220-240  | 9137 006 302    | 2                |
|                 | HF-R 180 TL5/PLL EII         | 9137 006 090    | 1                |
|                 | HF-R 280 TL5/PLL EII 220-240 | 9137 006 091    | 2                |
|                 | HF-R TD 180 TL5/PLL 220-240  | 9137 006 066    | 1                |
|                 | HF-R TD 280 TL5/PL-L EII     | 9137 006 096    | 2                |
|                 | HF-S 2 80 TL5/PL-L II        | 9137 130 423    | 2                |
| OSRAM           | QT-FQ 1x80/230-240           |                 | 1                |
|                 | QT-FQ 2x80                   |                 | 2                |
|                 | QTP5 1x80                    |                 | 1                |
| HELVAR          | EL1x80iDim                   |                 | 1                |
|                 | EL1x80sc                     |                 | 1                |
|                 | EL2x80iDim                   |                 | 2                |
| TRIDONIC ATCO   | PC 1/80 T5 INDUSTRY          | 89800460        | 1                |
|                 | PC 1x80 T5 PRO lp            | 22185209        | 1                |
|                 | PC 2/80 T5 INDUSTRY          | 89800461        | 2                |
|                 | PC 2x80 T5 PRO lp            | 22185210        | 2                |
|                 | PCA 1x80 T5 BASIC lp         | 22185084        | 1                |
|                 | PCA 2x80 T5 BASIC lp         | 22185085        | 2                |
|                 | PCA 2x80 T5 ECO lp           | 22185098        | 2                |
| VOSSLOH-SCHWABE | ELXc 180.866                 | 188144          | 1                |
|                 | ELXc 280.538                 | 188619          | 2                |
| BAG-HUECO       | BCS80.1FX-11/220-240         | 10077587        | 1                |
|                 | BCS80.2FX-11/220-240         | 10095407        | 2                |
| Others          | Direct mains                 |                 |                  |

| MAS LEDtube HF 1500mm UO 36W 8xx T5<br>929001346102<br>929001346202<br>929001346302 |         |
|---|---------|
| AC (50 Hz) on HF Ballast Compatible   |         |
|   |         |
|   |         |
|   | *       |
|   |         |
|   | * / Dim |
|   |         |
|   | * / Dim |
|   |         |
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|   |         |
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|   |         |
|   |         |
|   |         |

### General note Philips LEDtube InstantFit T5

**General notes:** 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](http://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.



# MASTER LEDtube HF InstantFit T8 - 1200 mm

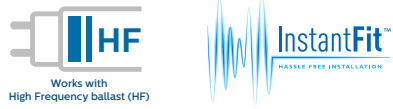


## Ballast Compatibility

### 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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|                       | Ballast type                           | 10nc / Ref. no. | Lamps on ballast | MASTER LEDtube HF 1200mm<br>16.5W 833 T8 MEAT | MASTER LEDtube 1200mm HF HO,<br>InstantFit T8<br>2100 lm                  | MASTER LEDtube 1200mm HF UO,<br>InstantFit T8<br>2500 lm                  |
|-----------------------|--|-----------------|------------------|---|---|---|
|                       |  |                 |                  | Product reference number:<br>929001226302     | Product reference number:<br>929001284302<br>929001284102<br>929001284202 | Product reference number:<br>929001300202<br>929001300002<br>929001300102 |
|                       |  |                 |                  | AC (50 Hz) on HF Ballast Compatible           | AC (50 Hz) on HF Ballast Compatible                                       | AC (50 Hz) on HF Ballast Compatible                                       |
| PHILIPS               | EB-C 136 TL-D 220-240                  | 9137 131 992    | 1                |   |   |   |
|                       | EB-S 236 TL-D 220-230                  | 9137 130 216    | 2                |   |   |   |
|                       | HF-B 136 TLD 220-240                   | 9137 001 122    | 1                |   |   |   |
|                       | HF-B 136 TLD EII 220-240               | 9137 001 926    | 1                |   |   |   |
|                       | HF-B 236 TL-D 220-240                  | 9137 001 124    | 2                |   |   |   |
|                       | HF-B 236 TLD EII 220-240               | 9137 001 928    | 2                |   |   |   |
|                       | HF-E 136 TL-D II                       | 9137 130 410    | 1                |   |   |   |
|                       | HF-E 236 TL-D                          | 9137 130 391    | 2                |   |   |   |
|                       | HF-E 236 TL-D II                       | 9137 130 411    | 2                |   |   |   |
|                       | HF-K 136 TLD 220-240                   | 9137 001 477    | 1                |   |   |   |
|                       | HF-P 136 TL-D III IDC                  | 9137 130 315    | 1                |   |   |   |
|                       | HF-P 236 TL-D III IDC                  | 9137 130 316    | 2                |   |   |   |
|                       | HF-P 336 TL-D III IDC                  | 9137 130 317    | 3                |   |   |   |
|                       | HF-P Xt 136 TLD EII 220-240            | 9137 006 177    | 1                |   |   |   |
|                       | HF-P XT 236 TLD EII 220-240            | 9137 006 178    | 2                |   |   |   |
|                       | HF-P 136 TLD EII 220-240               | 9137 001 911    | 1                |   |   |   |
|                       | HF-P 236 TLD 230-240                   | 9137 001 112    | 2                |   |   |   |
|                       | HF-Pi 1 14/21/24/28/39 TL5 EII 220-240 | 9137 006 240    | 1                |   |   |   |
|                       | HF-R 136 TL-D EII                      | 9137 006 092    | 1                |   | Dim   |   |
|                       | HF-R 236 TL-D EII                      | 9137 006 093    | 2                |   | Dim   |   |
|                       | HF-R 136 TL-D 220-240V 50/60Hz         | 9137 001 117    | 1                |   |   |   |
|                       | HF-R 236 TL-D 220-240V 50/60Hz         | 9137 001 120    | 2                |   |   |   |
|                       | HF-Ri TD 1 14/21/24/39TL5 E+           | 9137 006 983    | 1                |   |   |   |
|                       | HF-Ri TD 2 14/21/24/39TL5 E+           | 9137 006 984    | 2                |   |   |   |
|                       | HF-S 136 TL-D II                       | 9137 130 321    | 1                |   |   |   |
|                       | HF-S 236 TL-D II                       | 9137 130 324    | 2                |   |   |   |
| HF-S 336 TL-D II      | 9137 130 327                           | 3               |                  |   |   |   |
| HF-P 118/136 TL-D III | 9137 130 315                           | 1               |                  |   |   |   |
| HF-S 118/136 TL-D II  | 9137 130 321                           | 1               |                  |   |   |   |
| HF-P 218/236 TL-D III | 9137 130 316                           | 2               |                  |   |   |   |
| HF-S 218/236 TL-D II  | 9137 130 324                           | 2               |                  |   |   |   |
| OSRAM                 | QT-FIT8 1x36                           |                 | 1                |   |   |   |
|                       | QT-FIT8 2x36                           |                 | 2                |   |   |   |
|                       | QTP8 1x36                              |                 | 1                |   |   |   |
|                       | QTP8 2x36                              |                 | 2                |   |   |   |
|                       | QTP-OPTIMAL 1x18-40                    |                 | 1                |   |   |   |
|                       | QTP-OPTIMAL 2x18-40                    |                 | 2                |   |   |   |
| QT-FIT 5/8 2x18-39    |  | 2               |                  |   |   |   |
| HELVAR                | EL1x36/40/18S                          |                 | 1                |   |   |   |
|                       | EL1x36HF                               |                 | 1                |   |   |   |
|                       | EL1x36ngn                              |                 | 1                |   |   |   |
|                       | EL2x36/40s                             |                 | 2                |   |   |   |
|                       | EL2x36ngn                              |                 | 2                |   |   |   |

# MASTER LEDtube HF InstantFit T8 - 1200 mm

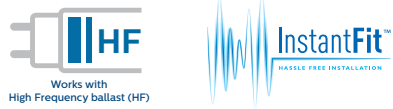


## Ballast Compatibility

### 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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|                 |                      |                  | MASTER LEDtube HF 1200mm<br>16.5W 833 T8 MEAT | MASTER LEDtube 1200mm HF HO,<br>InstantFit T8<br>2100 lm                  | MASTER LEDtube 1200mm HF UO,<br>InstantFit T8<br>2500 lm                  |  |
|-----------------|----------------------|------------------|---|---|---|--|
|                 |                      |                  | Product reference number:<br>929001226302     | Product reference number:<br>929001284302<br>929001284102<br>929001284202 | Product reference number:<br>929001300202<br>929001300002<br>929001300102 |  |
| Ballast type    | 10nc / Ref. no.      | Lamps on ballast | AC (50 Hz) on HF Ballast Compatible           | AC (50 Hz) on HF Ballast Compatible                                       | AC (50 Hz) on HF Ballast Compatible                                       |  |
| TRIDONIC ATCO   | PC 1/36 T8 INDUSTRY  | 86458035         | 1   |   |   |  |
|                 | PC 1/36 T8 PRO       | 22176217         | 1   |   |   |  |
|                 | PC 1x36 T8 PRO lp    | 22185214         | 1   |   |   |  |
|                 | PC2/36 T8 INDUSTRY   | 86458036         | 2   |   |   |  |
|                 | PC2x36 T8 PRO sl     | 22185217         | 2   |   |   |  |
|                 | PC 2x36 T8 TOP sl    | 22185226         | 2   |   |   |  |
|                 | PC 1x36 T8 TOP sl    | 22185223         | 1   |   |   |  |
|                 | PC1/36 T8 PRO sc     | 89800008         | 1   |   |   |  |
|                 | PC 1/36 T8 PRO       | 22176108         | 1   |   |   |  |
| PC 3/36 T8 PRO  | 22176231             | 3                |   |   |   |  |
| VOSSLOH-SCHWABE | ELXc 136.207         | 188708           | 1   |   |   |  |
|                 | ELXc 236.202         | 188316           | 2   |   |   |  |
|                 | ELXc 236.208         | 188705           | 2   |   |   |  |
|                 | ELXe 238.527         | 188137           | 2   |   |   |  |
|                 | ELXe 238.527         | 188137           | 1   |   |   |  |
| BAG-HUECO       | BCS36.1FX-11/220-240 | 10077590         | 1   |   |   |  |
|                 | BCS36.2FX-11/220-240 | 10077591         | 2   |   |   |  |
|                 | D36.2-23021 E        | 166132           | 2   |   |   |  |
|                 | D 58.1-23021 E       | 166072           | 1   |   |   |  |
|                 | ECS36.2SR-01/220-240 | 167032           | 2   |   |   |  |
| TriLux          | D36.2-23021 E        |                  | 2   |   |   |  |
|                 | D58.1-23021E         |                  | 1   |   |   |  |
|                 | DD58.1-23031E        |                  | 1   |   |   |  |
| Others          | EM ballast           |                  | 1   |   |   |  |
|                 | Direct Mains         |                  | 1   |   |   |  |

### General note Philips LEDtube InstantFit T8

**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 T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LED tube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Philips sales representative for more information on our EM/Mains compatible range. 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](http://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.

# MASTER LEDtube HF InstantFit T8 - 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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|                    | Ballast type                      | 10nc / Ref. no. | Lamps on ballast | MASTER LEDtube 1500mm HF HO, Instant Fit T8 3100 lm                       |   | MASTER LEDtube 1500mm HF UO, Instant Fit T8 3700 lm |                                     |
|--------------------|-----------------------------------|-----------------|------------------|---|---|---|-------------------------------------|
|                    |                                   |                 |                  | Product reference number:<br>929001284602<br>929001284402<br>929001284502 | Product reference number:<br>929001300502<br>929001300302<br>929001300402 | AC (50 Hz) on HF Ballast Compatible                 | AC (50 Hz) on HF Ballast Compatible |
| PHILIPS            | EI 158 TL-D 220-240               | 9137 006 075    | 1                |   |   |   |                                     |
|                    | HF-B 158 TLD 220-240              | 9137 001 123    | 1                |   |   |   |                                     |
|                    | HF-B 158 TLD EII 220-240          | 9137 001 927    | 1                |   |   |   |                                     |
|                    | HF-B 258 TLD 220-240              | 9137 001 125    | 2                |   |   |   |                                     |
|                    | HF-B 258 TL-D EII 220-240         | 9137 001 929    | 2                |   |   |   |                                     |
|                    | HF-E 158 TL-D                     | 9137 130 389    | 1                |   |   |   |                                     |
|                    | HF-E 1/2 58 TL-D II               | 9137 130 409    | 2                |   |   |   |                                     |
|                    | HF-E 1/2 58 TL-D II               | 9137 130 409    | 1                |   |   |   |                                     |
|                    | HF-P 154/155 TL5 HO/PL-L III IDC  | 9137 130 282    | 1                |   |   |   |                                     |
|                    | HF-P 158 TLD EII 220-240          | 9137 001 912    | 1                |   |   |   |                                     |
|                    | HF-P 158 TL-D III IDC             | 9137 130 318    | 1                |   |   |   |                                     |
|                    | HF-P 258 TLD EII 220-240          | 9137 001 916    | 2                |   |   |   |                                     |
|                    | HF-P 258 TL-D III IDC             | 9137 130 319    | 2                |   |   |   |                                     |
|                    | HF-P Xt 158 TLD EII 220-240       | 9137 006 179    | 1                |   |   |   |                                     |
|                    | HF-P Xt 258 TL-D EII 220-240      | 9137 006 180    | 2                |   |   |   |                                     |
|                    | HF-P 158 TLD 220-240              | 9137 001 185    | 1                |   |   |   |                                     |
|                    | HF-P 258 TLD 220-240              | 9137 001 110    | 2                |   |   |   |                                     |
|                    | HF-R 258 TLD 220-240              | 9137 001 119    | 2                |   |   |   |                                     |
|                    | HF-R 158 TLD EII                  | 9137 006 094    | 1                |   | Dim   |   | Dim                                 |
|                    | HF-R 258 TLD EII                  | 9137 006 095    | 2                |   | Dim   |   | Dim                                 |
|                    | HF-R TD 258 TLD EII 220-240       | 9137 006 070    | 2                |   | Dim   |   | Dim                                 |
|                    | HF-RITD 1 28/35/49/54TL5 E+       | 9137 006 956    | 1                |   |   |   |                                     |
|                    | HF-RITD 2 28/35/49/54TL5 E+       | 9137 006 958    | 2                |   |   |   |                                     |
|                    | HF-S 158                          |                 | 1                |   |   |   |                                     |
|                    | HF-S 158 TL-D II                  | 9137 130 322    | 1                |   |   |   |                                     |
|                    | HF-S 158 TL-D II 220-240V 50/60Hz | 9137 130 322    | 1                |   |   |   |                                     |
|                    | HF-S 258 TL-D II                  | 9137 130 325    | 2                |   |   |   |                                     |
|                    | HF-S 258 TL-D II HT               | 9137 006 899    | 2                |   |   |   |                                     |
|                    | HF-S 158 TLD 220-240              | 9137 006 319    | 1                |   |   |   |                                     |
|                    | EB-P 258 TLD ICC 220-240          | 9137 130 210    | 2                |   |   |   |                                     |
| OSRAM              | QT Deluxe HF 1x58 230-240 DIM     |                 | 1                |   |   |   |                                     |
|                    | QT Deluxe HF 2x58 230-240 Dim     |                 | 2                |   |   |   |                                     |
|                    | QT-FIT8 1x58 - 70                 |                 | 1                |   |   |   |                                     |
|                    | QT-FIT8 2x58 - 70                 |                 | 2                |   |   |   |                                     |
|                    | QTP8 1x58                         |                 | 1                |   |   |   |                                     |
|                    | QTP8 2x58                         |                 | 2                |   |   |   |                                     |
|                    | QTP-OPTIMAL 1x54-58               |                 | 1                |   |   |   |                                     |
|                    | QTP-OPTIMAL 2x54-58               |                 | 2                |   |   |   |                                     |
|                    | QT 1X58 DIM                       |                 | 1                |   |   |   |                                     |
|                    | QT-FIT 5/8 1x54-58                |                 | 1                |   |   |   |                                     |
| QT-FIT 5/8 2x54-58 |                                   | 2               |                  |   |   |   |                                     |
| HELVAR             | EL1x58ngn                         |                 | 1                |   |   |   |                                     |
|                    | EL1x58s                           |                 | 1                |   |   |   |                                     |
|                    | EL2x58es                          |                 | 2                |   |   |   |                                     |
|                    | EL2x58HF                          |                 | 2                |   |   |   |                                     |
|                    | EL2x58ngn                         |                 | 2                |   |   |   |                                     |
| EL2x58s            |                                   | 2               |                  |   |   |   |                                     |
| TRIDONIC ATCO      | PC 1/58 T8 INDUSTRY               | 86 458 037      | 1                |   |   |   |                                     |
|                    | PC 1/58 T8 PRO                    | 22 176 094      | 1                |   |   |   |                                     |
|                    | PC 1x58 T8 PRO Ip                 | 22 185 215      | 1                |   |   |   |                                     |
|                    | PC 2/58 T8 INDUSTRY               | 86 458 038      | 2                |   |   |   |                                     |
|                    | PC 2x58 E011                      |                 | 2                |   |   |   |                                     |
|                    | PC 2x58 E011 IDC                  | 22 083 174      | 2                |   |   |   |                                     |
|                    | PC 2x58 T8 PRO sl                 | 22 185 218      | 2                |   |   |   |                                     |
|                    | PC 1x58 T8 TOP sl                 | 22 185 224      | 1                |   |   |   |                                     |
|                    | PC 2x58 T8 TOP sl                 | 22 185 227      | 2                |   |   |   |                                     |
|                    | PCA 1/58 excel one4all            | 22 085 286      | 1                |   |   |   |                                     |
|                    | PCA 2x58 EXCEL One4all Ip         | 28 000 040      | 2                |   |   |   |                                     |



# MASTER LEDtube HF InstantFit T8 - 1500 mm

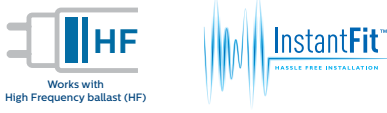


## Ballast Compatibility

### 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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|                        | Ballast type              | 10nc / Ref. no. | Lamps on ballast | MASTER LEDtube 1500mm HF HO,<br>Instant Fit T8<br>3100 lm  | MASTER LEDtube 1500mm HF UO,<br>Instant Fit T8<br>3700 lm  |
|------------------------|---------------------------|-----------------|------------------|--|--|
|                        |                           |                 |                  | Product reference number:<br>929001284602<br>929001284402<br>929001284502<br>AC (50 Hz) on HF Ballast Compatible | Product reference number:<br>929001300502<br>929001300302<br>929001300402<br>AC (50 Hz) on HF Ballast Compatible |
| <b>VOSSLOH-SCHWABE</b> | ELXc 158.201              | 188315          | 1                |  |  |
|                        | ELXc 158.209              | 188706          | 1                |  |  |
|                        | ELXc 158.218              | 188870          | 1                |  |  |
|                        | ELXc 258.203              | 188317          | 2                |  |  |
|                        | ELXc 258.210              | 188707          | 2                |  |  |
|                        | ELXc 258.219              | 188871          | 2                |  |  |
|                        | ELXe 258.222              | 188130          | 2                |  |  |
|                        | ELXe 258.222              | 188130          | 1                |  |  |
|                        | ELXe 158.524              | 188024          | 1                |  |  |
| <b>BAG-HUECO</b>       | BCD58.1F-01/220-240/1-10V | 1009 7145       | 1                | Dim  | Dim  |
|                        | BCS58.1FX-11/220-240      | 1007 7592       | 1                |  |  |
|                        | BCS58.2FX-11/220-240      | 1007 7593       | 2                |  |  |
|                        | BCS58.2SX-01/220-240      | 1005 1003       | 2                |  |  |
|                        | D 58.1-23021 E            | 166 072         | 1                |  |  |
|                        | D 58.2-23021 E            | 166 082         | 2                |  |  |
|                        | SCS58.2SR-11/220-240      | 166 272         | 2                |  |  |
| <b>Trilux</b>          | D58.1-23021E              |                 | 1                |  |  |
|                        | DD58.1-23031E             |                 | 1                |  |  |
| <b>May + Christie</b>  | MCU 158                   |                 | 1                |  |  |
|                        | MCU 258                   |                 | 2                |  |  |
| <b>Others</b>          | Direct mains              |                 |                  |  |  |
|                        | Electro Magnetic Ballast  |                 |                  |  |  |

### General note Philips LEDtube InstantFit T8

**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 T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LED tube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Philips sales representative for more information on our EM/Mains compatible range. 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](http://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.

# MASTER LEDtube Universal T8 - 1200 mm

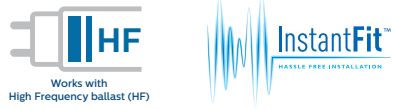


## Ballast Compatibility

### KEY

|  |  |
|--|--|
|  | Ballast is compatible  |
|  | Ballast is compatible, light output may differ >10% compared to specifications |
|  | Ballast is not compatible  |
|  | Ballast LEDtube combination not tested   |

*This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions*



**MASTER LEDtube 1200mm Universal,  
Instant Fit  
2500lm**

**Product reference number:**  
929001336102  
929001336202  
929001336002

**AC (50Hz) on HF Ballast Compatible**

|                     | Ballast type                           | 10nc         | Lamps on ballast |   |  |
|---------------------|--|--------------|------------------|---|--|
| PHILIPS             | EB-C 136 TL-D 220-240                  | 9137 131 992 | 1                |   |  |
|                     | EB-S 236 TL-D 220-230                  | 9137 130 216 | 2                |   |  |
|                     | HF-B 136 TLD 220-240                   | 9137 001 122 | 1                |   |  |
|                     | HF-B 136 TLD EII 220-240               | 9137 001 926 | 1                |   |  |
|                     | HF-B 236 TL-D 220-240                  | 9137 001 124 | 2                |   |  |
|                     | HF-B 236 TLD EII 220-240               | 9137 001 928 | 2                |   |  |
|                     | HF-E 136 TL-D II                       | 9137 130 410 | 1                |   |  |
|                     | HF-E 236 TL-D                          | 9137 130 391 | 2                |   |  |
|                     | HF-E 236 TL-D II                       | 9137 130 411 | 2                |   |  |
|                     | HF-K 136 TLD 220-240                   | 9137 001 477 | 1                |   |  |
|                     | HF-P 136 TL-D III IDC                  | 9137 130 315 | 1                |   |  |
|                     | HF-P 236 TL-D III IDC                  | 9137 130 316 | 2                |   |  |
|                     | HF-P 336 TL-D III IDC                  | 9137 130 317 | 3                |   |  |
|                     | HF-P Xt 136 TLD EII 220-240            | 9137 006 177 | 1                |   |  |
|                     | HF-P XT 236 TLD EII 220-240            | 9137 006 178 | 2                |   |  |
|                     | HF-P 136 TLD EII 220-240               | 9137 001 911 | 1                |   |  |
|                     | HF-P 236 TLD 230-240                   | 9137 001 112 | 2                |   |  |
|                     | HF-Pi 1 14/21/24/28/39 TL5 EII 220-240 | 9137 006 240 | 1                |   |  |
|                     | HF-R 136 TL-D EII                      | 9137 006 092 | 1                |   |  |
|                     | HF-R 236 TL-D EII                      | 9137 006 093 | 2                |   |  |
|                     | HF-R 136 TL-D 220-240V 50/60Hz         | 9137 001 117 | 1                |   |  |
|                     | HF-Ri TD 1 14/21/24/39TL5 E+           | 9137 006 983 | 1                |   |  |
|                     | HF-Ri TD 2 14/21/24/39TL5 E+           | 9137 006 984 | 2                |   |  |
|                     | HF-S 136 TL-D II                       | 9137 130 321 | 1                |   |  |
|                     | HF-S 236 TL-D II                       | 9137 130 324 | 2                |   |  |
|                     | HF-S 336 TL-D II                       | 9137 130 327 | 3                |   |  |
|                     | HF-P 118/136 TL-D III                  | 9137 130 315 | 1                |   |  |
|                     | HF-S 118/136 TL-D II                   | 9137 130 321 | 1                |   |  |
|                     | HF-P 218/236 TL-D III                  | 9137 130 316 | 2                |   |  |
|                     | HF-S 218/236 TL-D II                   | 9137 130 324 | 2                |   |  |
|                     | OSRAM                                  | QT-FIT8 1x36 |                  | 1 |  |
|                     |  | QT-FIT8 2x36 |                  | 2 |  |
|                     |  | QTP8 1x36    |                  | 1 |  |
| QTP8 2x36           |  |              | 2                |   |  |
| QTP-OPTIMAL 1x18-40 |  |              | 1                |   |  |
| QTP-OPTIMAL 2x18-40 |  |              | 2                |   |  |
| QT-FIT 5/8 2x18-39  |  |              | 2                |   |  |
| HELVAR              | EL1x36/40/18S                          |              | 1                |   |  |
|                     | EL1x36HF                               |              | 1                |   |  |
|                     | EL1x36ngn                              |              | 1                |   |  |
|                     | EL2x36/40s                             |              | 2                |   |  |
|                     | EL2x36ngn                              |              | 2                |   |  |
| TRIDONIC            | PC 1/36 T8 INDUSTRY                    | 86458035     | 1                |   |  |
|                     | PC 1/36 T8 PRO                         | 22176217     | 1                |   |  |
|                     | PC 1x36 T8 PRO lp                      | 22185214     | 1                |   |  |
|                     | PC2/36 T8 INDUSTRY                     | 86458036     | 2                |   |  |
|                     | PC2x36 T8 PRO sl                       | 22185217     | 2                |   |  |
|                     | PC 2x36 T8 TOP sl                      | 22185226     | 2                |   |  |
|                     | PC 1x36 T8 TOP sl                      | 22185223     | 1                |   |  |
|                     | PC1/36 T8 PRO sc                       | 89800008     | 1                |   |  |
|                     | PC 1/36 T8 PRO                         | 22176108     | 1                |   |  |
|                     | PC 3/36 T8 PRO                         | 22176231     | 3                |   |  |

# MASTER LEDtube Universal T8 - 1200 mm



## Ballast Compatibility

### KEY

|   |  |
|---|--|
|   | Ballast is compatible  |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
|   | Ballast is not compatible  |
|   | Ballast LEDtube combination not tested   |

*This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions*



|   |
|---|
| <b>MASTER LEDtube 1200mm Universal,<br/>Instant Fit<br/>2500lm</b>                  |
| <b>Product reference number:<br/>929001336102<br/>929001336202<br/>929001336002</b> |
| <b>AC (50Hz) on HF Ballast Compatible</b>   |
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|                 | Ballast type                               | 10nc     | Lamps on ballast |
|-----------------|--|----------|------------------|
| VOSSLOH-SCHWABE | ELXc 136.207                               | 188708   | 1                |
|                 | ELXc 236.202                               | 188316   | 2                |
|                 | ELXc 236.208                               | 188705   | 2                |
|                 | ELXe 238.527                               | 188137   | 2                |
|                 | ELXe 238.527                               | 188137   | 1                |
| BAG-HUECO       | BCS36.1FX-11/220-240                       | 10077590 | 1                |
|                 | BCS36.2FX-11/220-240                       | 10077591 | 2                |
|                 | D36.2-23021 E                              | 166132   | 2                |
|                 | D 58.1-23021 E                             | 166072   | 1                |
|                 | ECS36.2SR-01/220-240                       | 167032   | 2                |
| Trilux          | D36.2-23021 E                              |          | 2                |
|                 | D58.1-23021E                               |          | 1                |
|                 | DD58.1-23031E                              |          | 1                |
| Others          | EM ballast                                 |          | 1                |
|                 | Direct Mains (only one single side supply) |          | 1                |

### General note Philips LEDtube InstantFit T8

**General notes:** Philips LEDtubes Universal T8 are designed to work on HF ballasts, or EM ballast, or direct mains connection.

**For HF ballast connection:** Refer to the product reference number in the header of the columns to use this product-ballast compatibility list.

Please note that Philips LEDtubes Universal T8 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes InstantFit T8 on HF ballasts with DC operation is not tested and is therefore not guaranteed. 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 HF 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](http://www.philips.com/ledtube)

**Dimming a LEDtube:** Philips MASTER LEDtubes Universal T8 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.

**For EM ballasts or direct mains connection:** Please refer to the installation guide.

# MASTER LEDtube Universal T8 - 1500 mm



## Ballast Compatibility

### KEY

|  |  |
|--|--|
|  | Ballast is compatible  |
|  | Ballast is compatible, light output may differ >10% compared to specifications |
|  | Ballast is not compatible  |
|  | Ballast LEDtube combination not tested   |

*This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions*



**MASTER LEDtube 1500mm Universal, Instant Fit 3700lm**  
**Product reference number:**  
 929001336402  
 929001336502  
 929001336302

|                           | Ballast type                      | 10nc / Ref. no. | Lamps on ballast | AC (50Hz) on HF Ballast Compatible |
|---------------------------|-----------------------------------|-----------------|------------------|------------------------------------|
| <b>PHILIPS</b>            | EI 158 TL-D 220-240               | 9137 006 075    | 1                | *                                  |
|                           | HF-B 158 TLD 220-240              | 9137 001 123    | 1                |                                    |
|                           | HF-B 158 TLD EII 220-240          | 9137 001 927    | 1                | *                                  |
|                           | HF-B 258 TLD 220-240              | 9137 001 125    | 2                |                                    |
|                           | HF-B 258 TL-D EII 220-240         | 9137 001 929    | 2                | *                                  |
|                           | HF-E 158 TL-D                     | 9137 130 389    | 1                |                                    |
|                           | HF-E 1/2 58 TL-D II               | 9137 130 409    | 2                |                                    |
|                           | HF-E 1/2 58 TL-D II               | 9137 130 409    | 1                | *                                  |
|                           | HF-P 154/155 TL5 HO/PL-L III IDC  | 9137 130 282    | 1                |                                    |
|                           | HF-P 158 TLD EII 220-240          | 9137 001 912    | 1                | *                                  |
|                           | HF-P 158 TL-D III IDC             | 9137 130 318    | 1                |                                    |
|                           | HF-P 258 TLD EII 220-240          | 9137 001 916    | 2                |                                    |
|                           | HF-P 258 TL-D III IDC             | 9137 130 319    | 2                |                                    |
|                           | HF-P Xt 158 TLD EII 220-240       | 9137 006 179    | 1                | *                                  |
|                           | HF-P Xt 258 TL-D EII 220-240      | 9137 006 180    | 2                |                                    |
|                           | HF-P 158 TLD 220-240              | 9137 001 185    | 1                |                                    |
|                           | HF-P 258 TLD 220-240              | 9137 001 110    | 2                |                                    |
|                           | HF-R 158 TLD 220-240              | 9137 001 118    | 1                |                                    |
|                           | HF-R 258 TLD 220-240              | 9137 001 119    | 2                |                                    |
|                           | HF-R 158 TLD EII                  | 9137 006 094    | 1                |                                    |
|                           | HF-R 258 TLD EII                  | 9137 006 095    | 2                |                                    |
|                           | HF-R TD 258 TLD EII 220-240       | 9137 006 070    | 2                |                                    |
|                           | HF-RiTD 1 28/35/49/54TL5 E+       | 9137 006 956    | 1                |                                    |
|                           | HF-RiTD 2 28/35/49/54TL5 E+       | 9137 006 958    | 2                |                                    |
|                           | HF-S 158                          |                 | 1                |                                    |
|                           | HF-S 158 TL-D II                  | 9137 130 322    | 1                | *                                  |
|                           | HF-S 158 TL-D II 220-240V 50/60Hz | 9137 130 322    | 1                |                                    |
| HF-S 258 TL-D II          | 9137 130 325                      | 2               | *                |                                    |
| HF-S 258 TL-D II HT       | 9137 006 899                      | 2               |                  |                                    |
| HF-S 158 TLD 220-240      | 9137 006 319                      | 1               |                  |                                    |
| EB-P 258 TLD ICC 220-240  | 9137 130 210                      | 2               | *                |                                    |
| <b>OSRAM</b>              | QT Deluxe HF 1x58 230-240 DIM     |                 | 1                |                                    |
|                           | QT Deluxe HF 2x58 230-240 Dim     |                 | 2                |                                    |
|                           | QT-FIT8 1x58 - 70                 |                 | 1                |                                    |
|                           | QT-FIT8 2x58 - 70                 |                 | 2                |                                    |
|                           | QTP8 1x58                         |                 | 1                |                                    |
|                           | QTP8 2x58                         |                 | 2                | *                                  |
|                           | QTP-OPTIMAL 1x54-58               |                 | 1                |                                    |
|                           | QTP-OPTIMAL 2x54-58               |                 | 2                |                                    |
|                           | QT 1X58 DIM                       |                 | 1                |                                    |
|                           | QT-FIT 5/8 1x54-58                |                 | 1                | *                                  |
| QT-FIT 5/8 2x54-58        |                                   | 2               |                  |                                    |
| <b>HELVAR</b>             | EL1x58ngn                         |                 | 1                |                                    |
|                           | EL1x58s                           |                 | 1                |                                    |
|                           | EL2x58es                          |                 | 2                |                                    |
|                           | EL2x58HF                          |                 | 2                |                                    |
|                           | EL2x58ngn                         |                 | 2                |                                    |
| EL2x58s                   |                                   | 2               |                  |                                    |
| <b>TRIDONIC</b>           | PC 1/58 T8 INDUSTRY               | 86 458 037      | 1                | *                                  |
|                           | PC 1/58 T8 PRO                    | 22 176 094      | 1                | *                                  |
|                           | PC 1x58 T8 PRO Ip                 | 22 185 215      | 1                |                                    |
|                           | PC 2/58 T8 INDUSTRY               | 86 458 038      | 2                |                                    |
|                           | PC 2x58 E011                      |                 | 2                | *                                  |
|                           | PC 2x58 E011 IDC                  | 22 083 174      | 2                |                                    |
|                           | PC 2x58 T8 PRO sl                 | 22 185 218      | 2                |                                    |
|                           | PC 1x58 T8 TOP sl                 | 22 185 224      | 1                |                                    |
|                           | PC 2x58 T8 TOP sl                 | 22 185 227      | 2                |                                    |
|                           | PCA 1/58 excel one4all            | 22 085 286      | 1                |                                    |
| PCA 2x58 EXCEL One4all Ip | 28 000 040                        | 2               |                  |                                    |









# CorePro LED tube HF InstantFit T8 - 1200mm



## Ballast Compatibility

### KEY

|   |  |
|---|--|
|   | Ballast is compatible  |
| • | Ballast is compatible, light output may differ >10% compared to specifications |
|   | Ballast is not compatible  |

*This document is for information purposes and must be treated as recommendation. Philips attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions*



|                 | Ballast type         | 10nc / Ref. no. | Lamps on ballast |
|-----------------|----------------------|-----------------|------------------|
| VOSSLOH-SCHWABE | ELXc 136.207         | 188708          | 1                |
|                 | ELXc 236.202         | 188316          | 2                |
|                 | ELXc 236.208         | 188705          | 2                |
|                 | ELXe 238.527         | 188137          | 2                |
| BAG-HUECO       | BCS36.1FX-11/220-240 | 10077590        | 1                |
|                 | BCS36.2FX-11/220-240 | 10077591        | 2                |
|                 | D36.2-23021 E        | 166132          | 2                |
|                 | D 58.1-23021 E       | 166072          | 1                |
|                 | ECS36.2SR-01/220-240 | 167032          | 2                |
| Trilux          | D58.1-23021E         |                 | 1                |
|                 | DD58.1-23031E        |                 | 1                |
| Others          | EM ballast           |                 | 1                |
|                 | Direct Mains         |                 | 1                |

|   |
|---|
| Corepro LEDtube HF,<br>Instant Fit 1200mm T8<br>1600lm    |
| Product reference number:<br>929001249902<br>929001136502 |
| AC (50Hz) on HF Ballast Compatible                        |
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### General note Philips CorePro LEDtube InstantFit T8

**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 are only tested with HF ballast on AC operation. The performance of Philips LEDtubes on HF ballasts with DC operation is not tested and is therefore not guaranteed. Philips LED tube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Philips sales representative for more information on our EM/Mains compatible range. 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](http://www.philips.com/ledtube)

**Dimming a LEDtube:** Philips CorePro LEDtubes InstantFit T8 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.









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05/2017  
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