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MASTER LEDtube HF T5 HO - 600 mm

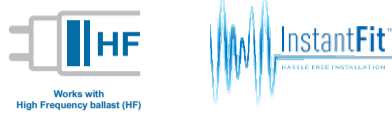
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



MAS LEDtube HF 600mm
HO 10.5W 8xx T5

Model number / (Short) EOC code:
9290035962 / 872016916307200
9290035963 / 872016916309600
9290035964 / 872016916311900

AC (50Hz) on HF Ballast Compatible

| | Ballast type | 12nc | Lamps on ballast | |
|-------------------------------------|-------------------------------------|------------|------------------|------------------|
| PHILIPS | HF-Ri TD 1 14/21/24/39 TL5 E+ | 9137006708 | 1 | * / dim |
| | HF-Ri TD 1 14/21/24/39 TL5 E+ | 9137006983 | 1 | * / dim (3) |
| | HF-P 1 24-39 TL5 HO III IDC | 9137130340 | 1 | |
| | HF-P 1 24-39 TL5 HO 220-240 | 9137001659 | 1 | |
| | HF-S 124-39 TL5 II | 9137130344 | 1 | |
| | HF-P 1 24-39 TL5 HO EII 220-240 | 9137006131 | 1 | |
| | HF-R 224 TL5/PL-L EII | 9137006331 | 2 | |
| | HF-R 224 TL5 220-240 | 9137001411 | 2 | |
| | HF-Pi 2 14/21/24/39 TL5 EII 220-240 | 9137006242 | 2 | |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006709 | 2 | * / dim (3) |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006984 | 2 | |
| | HF-P 224-39 TL5 HO III IDC | 9137130341 | 2 | |
| | HF-S 224-39 TL5 II | 9137130345 | 2 | * |
| | HF-Ri TD 3 14/24 TL5 E+ | 9137006790 | 3 | ** / dim (3) |
| | HF-Ri TD 4 14/24 TL5 E+ | 9137006791 | 4 | * / dim (3) |
| | HF-Pi 3/4 14/24 TL5/PLL EII | 9137006576 | 3 | |
| HF-Pi 3/4 14/24 TL5/PLL EII | 9137006576 | 4 | | |
| HF-Pi I 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 | | |
| OSRAM | QT-FIT 5/8 2x18-39 | | 2 | * |
| | QTi 1x14/24/21/39 GII | | 1 | * |
| | Qti DALI 2x14/24 Dim | | 2 | ** / dim (4) |
| | QTi 2x14/24/21/39 GII | | 2 | |
| | QTi DALI 3x14/24 Dim | | 3 | * / dim (4) |
| | QTi 3x14/24 Dim | | 3 | * / dim (1) (4) |
| | QTi 4x14/24 Dim | | 4 | |
| | QTi DALI 4x14/24 Dim | | 4 | |
| | QTP5 1X24-39 | | 1 | |
| | QT-FQ 1X24-39/230-240F/CW | | 1 | |
| HELVAR | EL1x24s | | 1 | |
| TRIDONIC ATCO | PC 2x24 T5 TOP Ip | 22185160 | 2 | |
| | PC 3/4x24 T5 TOP Ip | 22185221 | 3 | |
| | PC 3/4x24 T5 TOP Ip | 22185221 | 4 | |
| | PC 2/14-21/24/39 T5 PRO-M Ip | 22176185 | 2 | * |
| | PCA 2x14/24 T5 ECO Ip | 22185095 | 2 | * |
| | PCA 2x14/24 T5 EXCEL one4all Ip | 22185104 | 2 | * |
| | PCA 3x14/24 T5 EXCEL one4all Ip | 22176209 | 3 | |
| | PCA 3x14/24 T5 ECO Ip | 22176211 | 3 | |
| | PCA 3x14/24 T5 EXCITE Ip | 28000307 | 3 | |
| | PCA 4x14/24 T5 EXCEL one4all Ip | 22176210 | 4 | |
| PCA 4x14/24 T5 ECO Ip | 22176212 | 4 | | |
| PCA 4x14/24 T5 EXCITE Ip | 28000308 | 4 | | |
| VOSSLOH-SCHWABE | ELXc 140.862 | 188140 | 1 | |
| | ELXc 240.863 | 188616 | 2 | |
| | ELXc 139.632 | 188945 | 1 | |
| | ELXd 124.600 | 188329 | 1 | ** / dim (3) |
| | ELXd 124.607 | 188336 | 1 | * |
| | ELXc 239.635 | 188948 | 2 | |
| | ELXd 224.601 | 188330 | 2 | ** / dim (3) |
| | ELXd 224.608 | 188337 | 2 | ** |
| | ELXd 324.623 | 188597 | 3 | * |
| | ELXd 324.626 | 188600 | 3 | ** / dim (1) (3) |
| | ELXd 424.624 | 188598 | 4 | |
| | ELXd 424.628 | 188602 | 4 | ** / dim (3) |

(1) Do not use in closed luminaires
 (2) Do not use in combination with a motion sensor
 (3) Do not Dim below 10% / Dali step 170
 (4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 600 mm

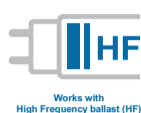
Ballast Compatibility



KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| |
|--|
| MAS LEDtube HF 600mm HO 10.5W 8xx T5 |
| Model number / (Short) EOC code: 9290035962 / 872016916307200 9290035963 / 872016916309600 9290035964 / 872016916311900 |
| AC (50Hz) on HF Ballast Compatible |
| * |
| ** |
| * |
| ** |
| * |
| ** |
| ** / Dim (3) |
| ** / Dim (3) |
| ** |
| ** |
| |

| | Ballast type | 12nc | Lamps on ballast |
|------------------|------------------------------|--------------|------------------|
| BAG-HUECO | BCS39.1FX-11/220-240 | 10077581 | 1 |
| | BCD39.1F-01/220-240/1-10V | 10097246 | 1 |
| | BCS39.2FX-11/220-240 | 10077582 | 2 |
| | BCD39.2F-01/220-240/1-10V | 10097296 | 2 |
| | MLS54.2F-01/220-240 | 166412 | 2 |
| | MLD39.1FR-11/220-240/DALI | 10097811 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 2 |
| | MLD39.2FR-11/220-240/DALI | 10092117 | 2 |
| | MLD14/24.3FR-04/220-240/DALI | 10105150 | 3 |
| | MLS14/24.3-4FR-11/220-240 | 10095345 | 3 |
| | MLS14/24.3-4FR-11/220-240 | 10095345 | 4 |
| | MLS80.1F-01/220-240 | 166312 | 1 |
| | Others | Direct mains | |

- (1) Do not use in closed luminaires
- (2) Do not use in combination with a motion sensor
- (3) Do not Dim below 10% / Dali step 170
- (4) Do not Dim below 20% / Dali step 185

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.

MASTER LEDtube HF T5 HO - 900 mm

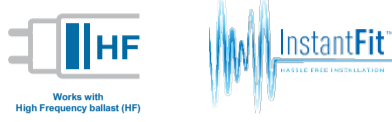
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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MAS LEDtube HF 900mm
HO 18.5W 8xx T5

Model number / (Short) EOC code:
9290035965 / 872016916313300
9290035966 / 872016916315700
9290035967 / 872016916317100

AC (50Hz) on HF Ballast Compatible

| | Ballast type | 12nc | Lamps on ballast |
|---------------------------------|-------------------------------------|------------|------------------|
| PHILIPS | HF-Ri TD 1 14/21/24/39 TL5 E+ | 9137006708 | 1 |
| | HF-Ri TD 1 14/21/24/39 TL5 E+ | 9137006983 | 1 |
| | HF-P 1 24-39 TL5 HO III IDC | 9137130340 | 1 |
| | HF-P 1 24-39 TL5 HO 220-240 | 9137001659 | 1 |
| | HF-S 124-39 TL5 II | 9137130344 | 1 |
| | HF-R 139 TL5 EII | 9137006329 | 1 |
| | HF-P 1 24-39 TL5 HO EII 220-240 | 9137006131 | 1 |
| | HF-Pi 2 14/21/24/39 TL5 EII 220-240 | 9137006242 | 2 |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006709 | 2 |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006984 | 2 |
| | HF-P 224-39 TL5 HO III IDC | 9137130341 | 2 |
| | HF-S 224-39 TL5 II | 9137130345 | 2 |
| | HF-R 239 TL5 DALI 220-240 | 9137001414 | 2 |
| | HF-R 239 TL5 EII | 9137006332 | 2 |
| | HF-Pi I 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 |
| OSRAM | QT-FIT 5/8 2x18-39 | | 2 |
| | QTi 1x21/39 Dim | | 1 |
| | QTi DALI 1x21/39 Dim | | 1 |
| | QTi 2x21/39 Dim | | 2 |
| | QTi DALI 2x21/39 Dim | | 2 |
| | QTi 1x14/24/21/39 GII | | 1 |
| | QTi 2x14/24/21/39 GII | | 2 |
| | QT-FQ 1X24-39/230-240F/CW | | 1 |
| | QTP5 1X24-39 | | 1 |
| | QT-FQ 1X39/230-240 | | 1 |
| | QT-FQ 1X39/230-240 CW | | 1 |
| HELVAR | EL 1X39/36ngn5 | | 1 |
| | EL 1X39sc | | 1 |
| | EL 2X39/36ngn5 | | 2 |
| | EL 2X39sc | | 2 |
| TRIDONIC ATCO | PC 1x39 T5 TOP Ip | 22185161 | 1 |
| | PC 1x39 T5 PRO Ip | 22185151 | 1 |
| | PC 1/39 T5 PRO Ip | 22087908 | 1 |
| | PCA 1x39 T5 BASIC Ip | 22185092 | 1 |
| | PC 2x39 T5 TOP Ip | 22185162 | 2 |
| | PC 2x39 T5 PRO Ip | 22185152 | 2 |
| | PCA 2x39 T5 BASIC Ip | 22185093 | 2 |
| | PCA 1x21/39 T5 ECO IP | 22185101 | 1 |
| | PCA 1x21/39 T5 EXCEL one4all Ip | 22185110 | 1 |
| | PC 2/14-21/24/39 T5 PRO-M Ip | 22176185 | 2 |
| | PCA 2x21/39 T5 ECO IP | 22185102 | 2 |
| PCA 2x21/39 T5 EXCEL one4all Ip | 22185111 | 2 | |
| VOSSLOH-SCHWABE | ELXc 140.862 | 188140 | 1 |
| | ELXc 240.863 | 188616 | 2 |
| | ELXc 139.632 | 188945 | 1 |
| | ELXd 139.609 | 188338 | 1 |
| | ELXd 139.602 | 188331 | 1 |
| | ELXc 239.635 | 188948 | 2 |
| | ELXd 239.610 | 188339 | 2 |
| | ELXd 239.621 | 188350 | 2 |

| |
|--------------|
| Dim |
| * / Dim (3) |
| |
| Dim (2) (4) |
| |
| Dim (3) |
| Dim (3) |
| * |
| * / Dim (4) |
| Dim (3) |
| |
| |
| ** / Dim (3) |
| ** / Dim |
| ** / Dim (3) |
| ** / Dim (3) |
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| * / (2) |
| * |
| |
| * |
| ** / Dim (3) |
| ** |
| * |
| ** / Dim (4) |
| ** |

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor
(3) Do not Dim below 10% / Dali step 170
(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 900 mm

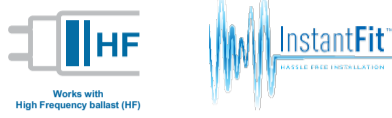
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| |
|--|
| MAS LEDtube HF 900mm HO 18.5W 8xx T5 |
| Model number / (Short) EOC code: 9290035965 / 872016916313300 9290035966 / 872016916315700 9290035967 / 872016916317100 |
| AC (50Hz) on HF Ballast Compatible |
| ** |
| * |
| |
| ** / Dim (3) |
| |

| | Ballast type | 12nc | Lamps on ballast |
|-----------|---------------------------|--------------|------------------|
| BAG-HUECO | BCS39.1FX-11/220-240 | 10077581 | 1 |
| | BCD39.1F-01/220-240/1-10V | 10097246 | 1 |
| | BCS39.2FX-11/220-240 | 10077582 | 2 |
| | BCD39.2F-01/220-240/1-10V | 10097296 | 2 |
| | MLS54.2F-01/220-240 | 166412 | 2 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 2 |
| | MLD39.2FR-11/220-240/DALI | 10092117 | 2 |
| | MLS80.1F-01/220-240 | 166312 | 1 |
| | Others | Direct mains | |

- (1) Do not use in closed luminaires
- (2) Do not use in combination with a motion sensor
- (3) Do not Dim below 10% / Dali step 170
- (4) Do not Dim below 20% / Dali step 185

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.

MASTER LEDtube HF T5 HO - 1200 mm

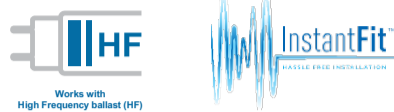
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| | Ballast type | 12nc | Lamps on ballast |
|-------------------------------------|---------------------------------------|------------|------------------|
| PHILIPS | HF-P 154/155 TL5 HO/PL-L III IDC 4CIC | 9137130282 | 1 |
| | HF-P 154/155 TL5 HO/PL-L III IDC C2E | 9137130282 | 1 |
| | HF-R 154 TL5 220-240 | 9137001291 | 1 |
| | HF-R 154 TL5 220-240 | 9137006088 | 1 |
| | HF-E 1/2 54 TL5 II | 9137130408 | 1 |
| | HF-R TD 154 TL5 EII 220-240 | 9137006064 | 1 |
| | HF-P 154 TL5 HO EII 220-240 | 9137006133 | 1 |
| | HF-S 154 TL5 II 4CIC | 9137130336 | 1 |
| | HF-S 154 TL5 II C2E | 9137130336 | 1 |
| | HF-R Es 154 TL5 | 9137006618 | 1 |
| | HF-R DALI 154 TL5 220-240 | 9137001335 | 1 |
| | HF-Pi 1 28/35/49/54 TL5 EII 220-240 | 9137006241 | 1 |
| | HF-Ri TD 1 28/35/49/54 TL5 E+ | 9137006956 | 1 |
| | HF-Ri TD 1 28-35-49-54 TL5 E+ | 9137006560 | 1 |
| | HF-S 254 TL5 II 4CIC | 9137130337 | 2 |
| | HF-S 254 TL5 II C2E | 9137130337 | 2 |
| | HF-E 1/2 54 TL5 II | 9137130408 | 2 |
| | HF-R Es 254 TL5 | 9137006619 | 2 |
| | HF-P Xt 254 TL5 EII 220-240 | 9137006300 | 2 |
| | HF-P 254/255 TL5 HO/PL-L III IDC 4CIC | 9137130283 | 2 |
| | HF-P 254/255 TL5 HO/PL-L III IDC C2E | 9137130283 | 2 |
| HF-R 254 TL5 EII | 9137006089 | 2 | |
| HF-R TD 254 TL5 EII | 9137006065 | 2 | |
| HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 | |
| HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006958 | 2 | |
| HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006561 | 2 | |
| OSRAM | QTP-OPTIMAL 1x54-58 | | 1 |
| | QT-FIT 5/8 1x54-58 | | 1 |
| | QTP5 1x54 | | 1 |
| | QT-FQ 1x54/230-240 | | 1 |
| | QTP-OPTIMAL 2x54-58 | | 2 |
| | QT-FIT 5/8 2x54-58 | | 2 |
| | QTP5 2x54 | | 2 |
| | QT-FQ 2x54/230-240 Dim | | 2 |
| | Qti 1x28/54/35/49 GII | | 1 |
| | Qti 1x28/54 Dim | | 1 |
| | Qti DALI 1x28/54 Dim | | 1 |
| | Qti 2x28/54/35/49 GII | | 2 |
| | Qti 2x28/54 Dim | | 2 |
| | Qti DALI 2x28/54 Dim | | 2 |
| HELVAR | EL1x54ngn5 | | 1 |
| | EL1x54s | | 1 |
| | EL1x54iDim | | 1 |
| | EL1x54sc | | 1 |
| | EL2x54ngn5 | | 2 |
| | EL2x54iDim | | 2 |
| EL2x54sc | | 2 | |
| TRIDONIC ATCO | PC 1x54 T5 PRO Ip | 22185155 | 1 |
| | PC 1x54 T5 TOP Ip | 22185165 | 1 |
| | PC 1/54 T5 INDUSTRY | 89800458 | 1 |
| | PC 2x54 T5 PRO Ip | 22185156 | 2 |
| | PC 2x54 T5 TOP Ip | 22185166 | 2 |
| | PC 2/54 T5 INDUSTRY | 89800459 | 1 |
| | PC 1X28/54 T5 EXCEL one4all Ip | 22176174 | 1 |
| | PC 1X54 T5 TOP IP | 28000031 | 1 |
| | PCA 2x54 T5 BASIC Ip | 22185089 | 2 |
| | PCA 1x28/54 T5 ECO Ip | 22185099 | 1 |
| | PCA 1x28/54 T5 EXCEL one4all Ip | 22185108 | 1 |
| | PCA 2x28/54 T5 ECO Ip | 22185100 | 2 |
| | PCA 2x28/54 T5 EXCEL one4all Ip | 22185109 | 2 |
| | PC 2/14-35/49/54 T5 PRO-M Ip | 22176186 | 2 |

MAS LEDtube HF 1200mm
HO 26W 8xx T5

Model number / (Short) EOC code:
9290023520A / 871869974951400
9290023521A / 871869974953800
9290023522A / 871869974955200

AC (50Hz) on HF Ballast Compatible

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| Dim (3) |
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| Dim |
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| */ Dim |
| */ Dim |
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| ** |
| */ Dim (1) |
| /(1) |
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| ** / (1) |
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| ** / (1) |
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| |

(1) Do not use in closed luminaires

(2) Do not use in combination with a motion sensor

(3) Do not Dim below 10% / Dali step 170

(4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 1200 mm

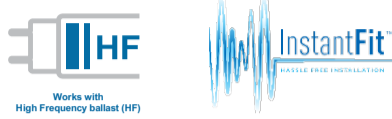
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| | Ballast type | 12nc | Lamps on ballast |
|-----------------|---------------------------|-----------|------------------|
| VOSSLOH-SCHWABE | ELXc 254.865 | 188618 | 2 |
| | ELXc 154.633 | 188946 | 1 |
| | ELXd 154.611 | 188340 | 1 |
| | ELXd 154.603 | 188332 | 1 |
| | ELXc 254.636 | 188949 | 2 |
| | ELXd 254.612 | 188341 | 2 |
| | ELXd 254.604 | 188333 | 2 |
| BAG-HUECO | BCS54.1FX-11/220-240 | 10077585 | 1 |
| | BCD54.1F-01/220-240/1-10V | 10097248 | 1 |
| | BCS54.1FR-01/220-240 | 10075881 | 1 |
| | BCS54.2FX-11/220-240 | 10077586 | 2 |
| | BCD54.2F-01/220-240/1-10V | 10097298 | 2 |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 1 |
| | MLS80.1FR-11/220-240 | 10071608 | 1 |
| | MLD80.1FR-11/220-240/DALI | 10097820 | 1 |
| | MLD54.2FR-11/220-240/DALI | 10092121 | 2 |
| | MLS54.2F-01/220-240 | 166412 | 2 |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 2 |
| | MLS80.1F-01/220-240 | 166312 | 1 |
| | TCI | BTLT 154 | 137998/154 |
| BTLT 254 | | 137999/54 | 2 |
| Arlen EFA | HFL 254-58M | | 2 |
| Others | Direct mains | | |

MAS LEDtube HF 1200mm
HO 26W 8xx T5

Model number / (Short) EOC code:
9290023520A / 871869974951400
9290023521A / 871869974953800
9290023522A / 871869974955200

AC (50Hz) on HF Ballast Compatible

*

Dim

Dim

*

*

*

- (1) Do not use in closed luminaires
- (2) Do not use in combination with a motion sensor
- (3) Do not Dim below 10% / Dali step 170
- (4) Do not Dim below 20% / Dali step 185

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.

MASTER LEDtube HF T5 HO - 1500 mm

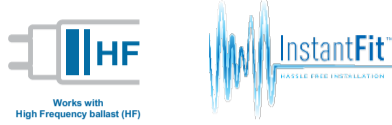
Ballast Compatibility



KEY

| |
|---|
| Ballast is compatible |
| * Ballast is compatible, light output may differ >10% compared to specifications |
| ** Ballast is compatible, light output may differ >20% compared to specifications |
| Dim Ballast is compatible and conditional released for dimming |
| Ballast is not compatible |

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



MAS LEDtube HF 1500mm
HO 26W 8xx T5

Model number / (Short) EOC code:
9290023523A / 871869974957600
9290023524A / 871869974959000
9290023525A / 871869974961300

AC (50Hz) on HF Ballast Compatible

| | Ballast type | 12nc | Lamps on ballast |
|-------------------------------------|-------------------------------------|-------------|------------------|
| PHILIPS | HF-P 1 49 TL5 HO 220-240 | 9137001660 | 1 |
| | HF-P 149 TL5 HO EII 220-240 | 9137006132 | 1 |
| | HF-P 149 TL5 HO III IDC C2E | 9137130280 | 1 |
| | HF-P 149 TL5 HO III IDC 4CIC | 9137130280 | 1 |
| | HF-S 149 TL5 II 4CIC | 9137130334 | 1 |
| | HF-S 149 TL5 II C2E | 9137130334 | 1 |
| | HF-E 1/2 49 TL5 II | 9137130407 | 1 |
| | HF-P 149 TL5 220-240 | 9137001177 | 1 |
| | HF-R 149 TL5 220-240 | 9137001181 | 1 |
| | HF-R TD 149 TL5 EII 220-240 | 9137006062 | 1 |
| | HF-Pi 1 28/35/49/54 TL5 EII 220-240 | 9137006241 | 1 |
| | HF-Ri TD 1 28/35/49/54 TL5 E+ | 9137006956 | 1 |
| | HF-Ri TD 1 35/49/80 TL5 E+ | 9137006957 | 1 |
| | HF-R Es 149 TL5 | 9137006620 | 1 |
| | HF-P Xt 149 TL5 EII 220-240 | 9137006297 | 1 |
| | HF-Pi 1 28/35/49/80 TL5 EII | 9137006525 | 1 |
| | HF-R 149 TL5 EII | 9137006086 | 1 |
| | HF-Pi 1 28/35/49/80 TL5 EII 220-240 | 9137006525 | 1 |
| | HF-R 149 TL5 EII 220-240 | 9137006086 | 1 |
| | HF-Ri TD 1 28-35-49-54 TL5 E+ | 9137006560 | 1 |
| | HF-P 249 TL5 220-240 | 9137001240 | 2 |
| | HF-P 249 TL5 HO III IDC 4CIC | 9137130281 | 2 |
| | HF-P 249 TL5 HO III IDC C2E | 9137130281 | 2 |
| | HF-E 1/2 49 TL5 II | 9137130407 | 2 |
| | HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 |
| | HF-Pi 2 28/35/49/80 TL5 EII | 9137006526 | 2 |
| | HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006958 | 2 |
| | HF-S 249 TL5 II 4CIC | 9137130335 | 2 |
| HF-S 249 TL5 II C2E | 9137130335 | 2 | |
| HF-R Es 249 TL5 | 9137006621 | 2 | |
| HF-P Xt 249 TL5 EII 220-240 | 9137006298 | 2 | |
| HF-P 249 TL5 220-240 | 9137001324 | 2 | |
| HF-R 249 TL5 EII | 9137006087 | 2 | |
| HF-Pi 2 28/35/49/80 TL5 EII 220-240 | 9137006526 | 2 | |
| HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006561 | 2 | |
| OSRAM | QT-FQ 1X49/230-240 CW | A45625D00DG | 1 |
| | QTP5 1x49 (shorter version) | A63946E01DG | 1 |
| | QT-FIT5 1X49 | AA7471701DG | 1 |
| | QTP5 2X49 | AA4002200DG | 2 |
| | QT-FIT5 2X49 | AA4068801DG | 2 |
| | QTP5 1x49 (longer version) | | 1 |
| | Qti 1x35/49/80 GII | AA3529702OL | 1 |
| | Qti 1x35/49/80 | | 1 |
| | Qti 1x28/54/35/49 GII | AA3529600DG | 1 |
| | Qti 1x35/49/80 Dim | | 1 |
| | Qti DALI 1x35/49/80 Dim | | 1 |
| | Qti 2x35/49/80 GII | A74908402DG | 2 |
| | Qti 2x28/54/35/49 GII | AA3529900DG | 2 |
| | Qti 2x35/49 Dim | | 2 |
| | Qti DALI 2x35/49 Dim | | 2 |
| | Qti 2x35/49/80 Dim | | 2 |
| | Qti DALI 2x35/49/80 Dim | AA3864303OL | 2 |
| | HELVAR | EL1x49s-u | |
| EL1x49s | | | 1 |
| EL1X49ngn5 | | | 1 |
| EL1x49sc | | | 1 |
| EL2x49s | | | 2 |
| EL2X49ngn5 | | | 2 |

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| * / Dim (3) |
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| Dim (3) |
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| * / Dim (2) |
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| * / Dim (3) |
| * |
| * / Dim (3) |
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| * |

(1) Do not use in closed luminaires
 (2) Do not use in combination with a motion sensor
 (3) Do not Dim below 10% / Dali step 170
 (4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HO - 1500 mm

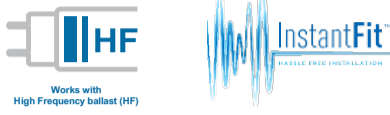


Ballast Compatibility

KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Dim Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



MAS LEDtube HF 1500mm
HO 26W 8xx T5

Model number / (Short) EOC code:
9290023523A / 871869974957600
9290023524A / 871869974959000
9290023525A / 871869974961300

| | Ballast type | 12nc | Lamps on ballast | AC (50Hz) on HF Ballast Compatible |
|-----------------|------------------------------------|------------|------------------|------------------------------------|
| TRIDONIC ATCO | PC 1/49 T5 PRO lp | 22087917 | 1 | * |
| | PC 1x49 T5 PRO lp | 22185153 | 1 | |
| | PC 1/49 T5 INDUSTRY | 89800456 | 1 | * |
| | PC 1x49 T5 TOP lp | 22185163 | 1 | |
| | PCA 1x49 T5 BASIC lp | 22185082 | 1 | * |
| | PC 2/49 T5 PRO lp | 22087646 | 2 | * |
| | PCA 2/49 T5 ECO lp | 22089499 | 2 | * |
| | PC 2x49 T5 PRO lp | 22185154 | 2 | |
| | PC 2/49 T5 INDUSTRY | 89800457 | 2 | * |
| | PC 2x49 T5 TOP lp | 22185164 | 2 | |
| | PCA 2x49 T5 BASIC lp | 22185083 | 2 | |
| | PCA 1x35/49/80 T5 ECO lp | 22185096 | 1 | * / Dim (3) |
| | PCA 1x35/49/80 T5 EXCEL one4all lp | 22185105 | 1 | * / Dim (4) |
| | PCA 1x35/49/80 T5 EXCEL one4all lp | 22176172 | 1 | |
| | PCA 2x35/49 T5 EXCEL one4all lp | 22185106 | 2 | |
| | PCA 2x35/49 T5 ECO lp | 22185097 | 2 | |
| | PC 2/14-35/49/54 T5 PRO-M lp | 22176186 | 2 | * |
| | PC 1/14-35/49/80 T5 PRO-M lp | 22176184 | 1 | * |
| VOSSLOH-SCHWABE | ELXc 149.234 | 183116 | 1 | * |
| | ELXc 249.235 | 183117 | 2 | * |
| | ELXc 154.633 | 188946 | 1 | * |
| | ELXc 180.634 | 188947 | 1 | * |
| | ELXd 180.613 | 188342 | 1 | * / Dim (2) |
| | ELXd 180.605 | 188334 | 1 | * |
| | ELXc 254.636 | 188949 | 2 | * |
| | ELXd 249.614 | 188343 | 2 | * |
| | ELXc 280.637 | 188950 | 2 | * |
| | ELXd 249.606 | 188335 | 2 | * / Dim (3) |
| | ELXd 280.630 | 188604 | 2 | * |
| BAG-HUECO | BCS49.1FX-11/220-240 | 10077583 | 1 | |
| | BCD49.1F-01/220-240 | 10097247 | 1 | * / Dim(3) |
| | SCS49.1F-01/220-240 | 166512 | 1 | * |
| | BCS49.2FX-11/220-240 | 10077584 | 2 | |
| | BCD49.2F-01/220-240 | 10097297 | 2 | * |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 1 | |
| | MLS80.1FR-11/220-240 | 10071608 | 1 | * |
| | MLD80.1FR-11/220-240/DALI | 10097820 | 1 | |
| | MLD54.2FR-11/220-240/DALI | 10092121 | 2 | * |
| | MLD80.2FR-11/220-240/DALI | 10101905 | 2 | * |
| | MLS54.2F-01/220-240 | 166412 | 2 | |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 2 | |
| | MLS80.1F-01/220-240 | 166312 | 1 | |
| TCI | BTLT 149 | 137998/149 | 1 | |
| | BTLT 249 | 137999/49 | 2 | |
| Others | Direct mains | | | |

- (1) Do not use in closed luminaires
- (2) Do not use in combination with a motion sensor
- (3) Do not Dim below 10% / Dali step 170
- (4) Do not Dim below 20% / Dali step 185

General notes 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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp.

MASTER LEDtube HF T5 UO - 1500 mm

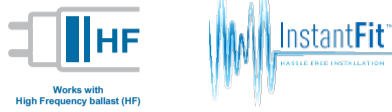
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | 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. Signify 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 | 9137130343 | 2 |
| | HF-P I 80 TL5/PL-L III IDC | 9137130342 | 1 |
| | HF-P Xt 180 TL5 EII 220-240 | 9137006301 | 1 |
| | HF-P Xt 280 TL5 EII 220-240 | 9137006302 | 2 |
| | HF-R 180 TL5/PLL EII | 9137006090 | 1 |
| | HF-R 280 TL5/PLL EII 220-240 | 9137006091 | 2 |
| | HF-R TD 180 TL5/PLL 220-240 | 9137006066 | 1 |
| | HF-R TD 280 TL5/PL-L EII | 9137006096 | 2 |
| | HF-S 2 80 TL5/PL-L II | 9137130423 | 2 |
| | HF-P 180 TL5/PL-L EII 220-240 | 9137001989 | 1 |
| OSRAM | QT-FQ 1x80/230-240 | | 1 |
| | QT-FQ 2x80 | | 2 |
| | QTP5 1x80 | | 1 |
| | Qti 1x35/49/80 GII | | 1 |
| HELVAR | EL1x80iDim | | 1 |
| | EL1x80sc | | 1 |
| | EL2x80iDim | | 2 |
| TRIDONIC ATCO | PC 1/80 T5 INDUSTRY | 89800460 | 1 |
| | PC 1x80 T5 PRO Ip | 22185209 | 1 |
| | PC 2/80 T5 INDUSTRY | 89800461 | 2 |
| | PC 2x80 T5 PRO Ip | 22185210 | 2 |
| | PCA 1x80 T5 BASIC Ip | 22185084 | 1 |
| | PCA 2x80 T5 BASIC Ip | 22185085 | 2 |
| | PCA 2x80 T5 ECO Ip | 22185098 | 2 |
| | PCA 2x80 T5 EXCEL one4all Ip | 22185107 | 2 |
| | PC 1/80 T5 PRO Ip | 22087618 | 1 |
| LUXMATE PCA 1/80 T5 ECO | | 1 | |
| VOSSLOH-SCHWABE | ELXc 180.866 | 188144 | 1 |
| | ELXc 280.538 | 188619 | 2 |
| | ELXc 180.634 | 188947 | 1 |
| | ELXc 280.637 | 188950 | 2 |
| BAG-HUECO | BCS80.1FX-11/220-240 | 10077587 | 1 |
| | BCS80.2FX-11/220-240 | 22185209 | 1 |
| | SCS80.2F-01/220-240 | 10095407 | 2 |
| | MLS80.1/54.2FR-11/220-240 | 166692 | 2 |
| | MLS80.1FR-11/220-240 | 10071609 | 1 |
| | MLD80.1FR-11/220-240/DALI | 10071608 | 1 |
| MLD80.2FR-11/220-240/DALI | 10097820 | 1 | |
| Others | Direct mains | | |

| |
|--|
| MAS LEDtube HF 1500mm UO 36W 8xx T5 |
| Model number / (Short) EOC code: 9290031539 / 871951441905600 9290031540 / 871951441907000 9290031541 / 871951441909400 |
| AC (50 Hz) on HF Ballast Compatible |
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| * |
| Dim |
| Dim |
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| * / Dim |
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General notes Philips Master LEDtube HF InstantFit T5 UO

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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 Signify 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 T5 HE - 600 mm

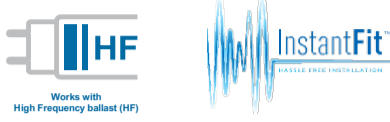


Ballast Compatibility

KEY

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|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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| MAS LEDtube HF 600mm HE 7W 8xx T5 | |
|--|--|
| Model number / (Short) EOC code: 9290037951 / 872016930966100 9290037952 / 872016930968500 9290037953 / 872016930970800 | |
| AC (50 Hz) on HF Ballast Compatible | |
| * | |
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| ** | |
| Dim | |
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| Dim (3) | |
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| Dim | |
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| ** (1) | |
| Dim (3) | |
| Dim (3) | |
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| Dim (3) | |
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| ** (1) | |
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| Dim (3) | |
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| * / Dim (1) | |
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| | Ballast type | 10nc / Ref. no | Lamps on ballast |
|-----------------------|-------------------------------------|--------------------|------------------|
| PHILIPS | BLUE 114 LH TL/PLS/PLC | 9137004217 | 1 |
| | EB-C 114 TL5 | 9137131962 | 1 |
| | EB-Ci 1-2 14-28W | 9137130432 | 1 |
| | HF-E 114 TL5 II | 9137130414 | 1 |
| | HF-P 1 14-35 TL5 HE III IDC 4CIC | 9137130310 | 1 |
| | HF-P 1 14-35 TL5 HE III IDC C2E | 9137130310 | 1 |
| | HF-R 114 TL5 220-240 | 9137001287 | 1 |
| | HF-R Es 114-35 TL5 | 9137006616 | 1 |
| | HF-Ri TD 1 14/21/24/39 TL5 E+ | 9137006708 | 1 |
| | HF-R 114-35 TL5 EII | 9137006198 | 1 |
| | HF-S 114-35 TL5 II | 9137130429 | 1 |
| | HF-S 1 14-35 TL5 HE II | 9137130420 | 1 |
| | HF-P 1 14-35 TL5 HE EII 220-240 | 9137006129 | 1 |
| | EB-C 128 TL5 II | 9137130404 | 2 |
| | HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 |
| | EB-C 214 TL5 | 9137131969 | 2 |
| | EB-Ci 1-2 14-28W | 9137130432 | 2 |
| | HF-E 214 TL5 II | 9137130415 | 2 |
| | HF-P 2 14-35 TL5 HE III IDC | 9137130311 | 2 |
| | HF-S 2 14-35 TL5 HE II | 9137130421 | 2 |
| | HF-R Es 214-35 TL5 | 9137006617 | 2 |
| | HF-R DALI 214 TL5 220-240 | 9137001313 | 2 |
| | HF-Pi 2 14/21/24/39 TL5 EII 220-240 | 9137006242 | 2 |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006709 | 2 |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006984 | 2 |
| | HF-R 214-35 TL5 EII | 9137006195 | 2 |
| | HF-S 214-28 TL5 II | 9137130430 | 2 |
| | EB-C 314 TL5 | 9137131967 | 3 |
| | HF-E 3/414 TL5 II | 9137130413 | 3 |
| | HF-S 3/414 TL5 II | 9137130330 | 3 |
| | HF-R 3/414 TL5 220-240 | 9137001423 | 3 |
| | HF-R TD 314 TL5 EII | 9137006291 | 3 |
| | HF-Ri TD 3 14/24 TL5 E+ | 9137006790 | 3 |
| | HF-P 3/414 TL5 III IDC | 9137130339 | 3 |
| | HF-R 314 TL5 EII | 9137006294 | 3 |
| | HF-P 3/4 14 TL5 EII 220-240 | 9137006013 | 3 |
| | EB-Ci 1-2 14-28W | 9137130432 | 3x14 |
| | HF-E 3/414 TL5 II | 9137130413 | 4 |
| | HF-S 3/414 TL5 II | 9137130330 | 4x14 |
| | HF-R 3/414 TL5 220-240 | 9137001423 | 4 |
| | HF-P 3/414 TL5 III IDC | 9137130339 | 4 |
| | HF-R 414 TL5 EII | 9137006144 | 4 |
| | HF-P 3/4 14 TL5 EII 220-240 | 9137006013 | 4 |
| | HF-Ri TD 4 14/24 TL5 E+ | 9137006791 | 4 |
| | HF-Pi 3/4 14/24 TL5/PLL EII | 9137006576 | 3 |
| | HF-Pi 3/4 14/24 TL5/PLL EII | 9137006576 | 4 |
| | HF-P 414 TL5 220-240 | 9137001562 | 4 |
| | OSRAM | QT-FIT5 3x14, 4x14 | |
| QTP5 3x14, 4x14 | | | 3 |
| EZ-T5 3x14/220 | | | 3 |
| QT-FIT5 3x14, 4x14 | | | 4 |
| QTP5 3x14, 4x14 | | | 4 |
| QT-FIT5 1x14-35 | | | 1 |
| QTP5 1x14-35 | | | 1 |
| QT-FIT5 2x14-35 | | | 2 |
| QTP5 2x14-35 | | | 2 |
| QTi 1x14/24/21/39 GII | | | 1 |
| Qti DALI 2x14/24 Dim | | | 2 |
| QTi 2x14/24/21/39 GII | | | 2 |
| QTi DALI 3x14/24 Dim | | | 3 |
| QTi 3x14/24 Dim | | | 3 |
| QTi 4x14/24 Dim | | | 4 |
| QTi DALI 4x14/24 Dim | | | 4 |

(1) Do not use in closed luminaires
 (2) Audible noise might be detected when used in silent applications
 (3) Do not Dim below 10% / Dali step 170
 (4) Do not Dim below 20% / Dali step 185

MASTER LEDtube HF T5 HE - 600 mm

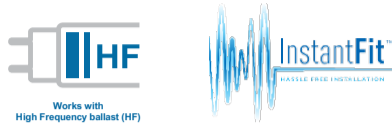
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| |
|---|
| MAS LEDtube HF 600mm HE 7W 8xx T5 |
| Model number / (Short) EOC code: 9290037951/ 872016930966100 9290037952/ 872016930968500 9290037953/ 872016930970800 |
| AC (50 Hz) on HF Ballast Compatible |
| * |
| ** |
| * |
| Dim (3) |
| ** |
| * |
| * |
| * |
| ** |
| ** |

| | Ballast type | 10nc / Ref. no. | Lamps on ballast |
|-----------------------|------------------------------|-----------------|------------------|
| BAG-HUECO | BCS14.3-4FR-01/220-240 | 10052868 | 3 |
| | BCS14.3-4FR-01/220-240 | 10052868 | 4 |
| | BCS35.1FX-11/220-240 | 10077579 | 1 |
| | BCS35.2FX-11/220-240 | 10077580 | 2 |
| | MLS54.2F-01/220-240 | 166412 | 2 |
| | MLD39.1FR-11/220-240/DALI | 10097811 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 2 |
| | MLD39.2FR-11/220-240/DALI | 10092117 | 2 |
| | MLD14/24.3FR-04/220-240/DALI | 10105150 | 3 |
| | MLS14/24.3-4FR-11/220-240 | 10095345 | 3 |
| | MLS14/24.3-4FR-11/220-240 | 10095345 | 4 |
| | MLS80.1F-01/220-240 | | 1 |
| | D35.1-23051E | | 1 |
| | SCS35.1F-01/220-240 | | 1 |
| SCS14.3-4F-01/220-240 | | 3 | |
| SCS14.3-4F-01/220-240 | | 4 | |
| D14.3-23051E | | 1 | |
| TCL | BTL-414 | 87500211 | 3 |
| | BTL-414 | 22185077 | 4 |
| Arlen EFA | BE - 214-35 - T5 | 22185211 | 2 |
| Others | LYZ-1X14WT5-240 | | 1 |
| Others | Direct mains | 22185147 | |

- (1) Do not use in closed luminaires
- (2) Audible noise might be detected when used in silent applications
- (3) Do not Dim below 10% / Dali step 170
- (4) Do not Dim below 20% / Dali step 185

General notes Philips Master LEDtube HF InstantFit HE T5

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp

MASTER LEDtube HF T5 HE - 1200 mm

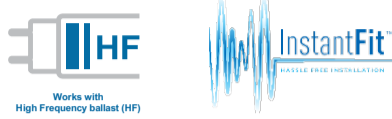
Ballast Compatibility



KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| | Ballast type | 12nc | Lamps on ballast |
|--------------------|-------------------------------------|------------|------------------|
| PHILIPS | HF-P 128 TL5 220-240 | 9137001366 | 1 |
| | EB-C 128 TL5 II | 9137130404 | 1 |
| | EB-C 228 TL5 II | 9137130406 | 2 |
| | HF-S 128-35 TL5 II | 9137130332 | 1 |
| | HF-Pi 1 28/35/49/54 TL5 EII 220-240 | 9137006241 | 1 |
| | HF-Ri TD 1 28/35/49/54 TL5 E+ | 9137006956 | 1 |
| | HF-Pi 1 28/35/49/80 TL5 EII | 9137006525 | 1 |
| | EB-C 128 TL5 | 9137131964 | 1 |
| | EB-Ci 1-2 14-28W | 9137130432 | 1 |
| | HF-P 1 14-35 TL5 HE III IDC 4CIC | 9137130310 | 1 |
| | HF-P 1 14-35 TL5 HE III IDC C2E | 9137130310 | 1 |
| | HF-R 114-35 TL5 EII | 9137006198 | 1 |
| | BLUE 128 LH TL5 | 9137004199 | 1 |
| | HF-Pi 1 28/35/49/80 TL5 EII 220-240 | 9137006525 | 1 |
| | HF-S 114-35 TL5 II | 9137130429 | 1 |
| | HF-S 1 14-35 TL5 HE II | 9137130420 | 1 |
| | HF-P 1 14-35 TL5 HE EII 220-240 | 9137006129 | 1 |
| | HF-Ri TD 1 28-35-49-54 TL5 E+ | 9137006560 | 1 |
| | EB-C 128 TL5 II | 9137130404 | 2 |
| | HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 |
| | HF-Pi 2 28/35/49/80 TL5 EII | 9137006526 | 2 |
| | HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006958 | 2 |
| | EB-C 228 TL5 | 9137131971 | 2 |
| | EB-Ci 1-2 14-28W | 9137130432 | 2 |
| | HF-P 2 14-35 TL5 HE III IDC | 9137130311 | 2 |
| | HF-S 2 14-35 TL5 HE II | 9137130421 | 2 |
| | HF-R Es 214-35 TL5 | 9137006617 | 2 |
| | HF-R T 228 TL5 220-240 | 9137001863 | 2 |
| | HF-Pi 2 14/21/24/39 TL5 EII 220-240 | 9137006242 | 2 |
| | HF-Pi 2 28/35/49/80 TL5 EII 220-240 | 9137006526 | 2 |
| | HF-R 214-35 TL5 EII | 9137006195 | 2 |
| | HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006561 | 2 |
| HF-S 214-28 TL5 II | 9137130430 | 2 | |
| HF-R Es 114-35 TL5 | 9137006616 | 1 | |
| HF-S 114-21 TL5 II | 9137130328 | 1 | |
| OSRAM | EZP5 2x28/220-230 | | 2 |
| | QT-FIT5 1x14-35 | | 1 |
| | QTP5 1x14-35 | | 1 |
| | QT-FIT5 2x14-35 | | 2 |
| | QTP5 2x14-35 | | 2 |
| | Qti 1x28/54/35/49 GII | | 1 |
| | Qti 1x28/54 Dim | | 1 |
| | Qti DALI 1x28/54 Dim | | 1 |
| | Qti 2x28/54/35/49 GII | | 2 |
| | Qti 2x28/54 Dim | | 2 |
| | Qti DALI 2x28/54 Dim | | 2 |
| Qti 2x28/54 | | 2 | |
| HELVAR | EL1x14-35ngn5 | | 1 |
| | EL2x14-35ngn5 | | 2 |
| | EL2x14-35iDim | | 2 |
| | EL2x14-35s | | 2 |

| MAS LEDtube HF 1200mm HE 16.5W 8xx T5 |
|---|
| Model number / (Short) EOC code: 9290013910B / 871869674329400 9290013911B / 871869674331700 9290013912B / 871869674333100 |
| AC (50Hz) on HF Ballast Compatible |
| ** |
| ** |
| Dim (2) (3) |
| ** |
| Dim (2) (3) |
| ** |
| * |
| Dim (2) (3) |
| ** |
| ** |
| * |
| * / Dim (2) (3) |
| Dim |
| ** |
| ** |
| * / Dim (3) |
| Dim (2) (3) |
| * |
| Dim |
| ** |
| * |
| * |
| ** / (1) |
| ** / (1) |
| * |
| ** / (1) |
| ** / (1) |
| * |

(1) Do not use in closed luminaires
 (2) Audible noise might be detected when used in silent applications
 (3) Do not Dim below 10% / Dali step 170
 (4) Do not Dim below 20% / Dali step 185
 (5) Set max Dimlevel to Dali step 240

MASTER LEDtube HF T5 HE - 1500 mm

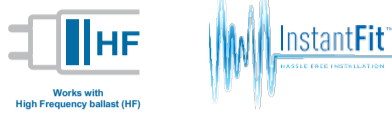
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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MAS LEDtube HF 1500mm
HE 20W 8xx T5

Model number / (Short) EOC code:
9290013913B / 871869674335500
9290013914B / 871869674337900
9290013915B / 871869674339300

| | Ballast type | 12nc | Lamps on ballast |
|---------------------------|--------------|----------------------|------------------|
| VOSSLOH-SCHWABE | ELXc 235.232 | 183114 | 2 |
| | ELXc 135.220 | 188921 | 1 |
| | ELXc 135.231 | 183113 | 1 |
| | ELXc 135.856 | 188093 | 1 |
| | ELXd 135.724 | 188932 | 1 |
| | ELXd 135.823 | 188717 | 1 |
| | ELXc 235.857 | 188094 | 2 |
| | ELXc 235.221 | 188922 | 2 |
| | ELXd 235.725 | 188933 | 2 |
| | ELXd 235.735 | 183059 | 2 |
| | ELXc 154.633 | 188946 | 1 |
| | ELXc 180.634 | 188947 | 1 |
| | ELXd 180.613 | 188342 | 1 |
| | ELXd 180.605 | 188334 | 1 |
| | ELXc 254.636 | 188949 | 2 |
| | ELXd 249.614 | 188343 | 2 |
| | ELXc 280.637 | 188950 | 2 |
| | ELXd 249.606 | 188335 | 2 |
| | ELXd 280.630 | 188604 | 2 |
| | BAG-HUECO | BCS35.1FX-11/220-240 | 10077579 |
| BCD35.1F-01/220-240/1-10V | | 10097244 | 1 |
| BCS35.2FX-11/220-240 | | 10077580 | 2 |
| BCD35.2F-01/220-240/1-10V | | 10097294 | 2 |
| MLD54.1FR-11/220-240/DALI | | 10097815 | 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 |
| MLD54.2FR-11/220-240/DALI | | 10092121 | 2 |
| MLD80.2FR-11/220-240/DALI | | 10101905 | 2 |
| MLS54.2F-01/220-240 | | 166412 | 2 |
| MLS80.1/54.2FR-11/220-240 | | 10071609 | 2 |
| Arlen EFA | | BE - 214-35 - T5 | |
| Others | Direct mains | | |

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| | * |
| | * |
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| | * |
| | * |
| | ** / Dim (1) |
| | * / (1) |
| | * / (1) |
| | ** |
| | * |
| | * |
| | * |
| | Dim (3) |
| | * |
| | |

- (1) Do not use in closed luminaires
- (2) Audible noise might be detected when used in silent applications
- (3) Do not Dim below 10% / Dali step 170
- (4) Do not Dim below 20% / Dali step 185
- (5) Set max Dimlevel to Dali step 240

General notes Philips Master LEDtube HF InstantFit HE T5

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Please note that the dimming curve of the LEDtube might differ from the curve of a fluorescent lamp

CorePro LEDtube HF T5 HO - 1200 mm



Ballast Compatibility

KEY

| | |
|---|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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



CorePro LEDtube HF 1200mm
HO 26.7W 8x T5

Model number / (Short) EOC code:
9290037750 / 872016929558200
9290037751 / 872016929560500
9290037752 / 872016929562900

| | Ballast type | 12nc | Lamps on ballast | AC (50Hz) on HF Ballast Compatible |
|-------------------------------------|---------------------------------------|------------|------------------|------------------------------------|
| PHILIPS | HF-P 154/155 TL5 HO/PL-L III IDC 4CIC | 9137130282 | 1 | * |
| | HF-P 154/155 TL5 HO/PL-L III IDC C2E | 9137130282 | 1 | * |
| | HF-R 154 TL5 220-240 | 9137001291 | 1 | ** |
| | HF-R 154 TL5 220-240 | 9137006088 | 1 | * |
| | HF-E 1/2 54 TL5 II | 9137130408 | 1 | * |
| | HF-R TD 154 TL5 EII 220-240 | 9137006064 | 1 | * |
| | HF-P 154 TL5 HO EII 220-240 | 9137006133 | 1 | * |
| | HF-S 154 TL5 II 4CIC | 9137130336 | 1 | * |
| | HF-S 154 TL5 II C2E | 9137130336 | 1 | * |
| | HF-R Es 154 TL5 | 9137006618 | 1 | * |
| | HF-R DALI 154 TL5 220-240 | 9137001335 | 1 | ** |
| | HF-Pi 1 28/35/49/54 TL5 EII 220-240 | 9137006241 | 1 | |
| | HF-Ri TD 1 28/35/49/54 TL5 E+ | 9137006956 | 1 | |
| | HF-Ri TD 1 28-35-49-54 TL5 E+ | 9137006560 | 1 | ** |
| | HF-S 254 TL5 II 4CIC | 9137130337 | 2 | * |
| | HF-S 254 TL5 II C2E | 9137130337 | 2 | * |
| | HF-E 1/2 54 TL5 II | 9137130408 | 2 | * |
| | HF-R Es 254 TL5 | 9137006619 | 2 | |
| | HF-P Xt 254 TL5 EII 220-240 | 9137006300 | 2 | ** |
| | HF-P 254/255 TL5 HO/PL-L III IDC 4CIC | 9137130283 | 2 | * |
| | HF-P 254/255 TL5 HO/PL-L III IDC C2E | 9137130283 | 2 | * |
| HF-R 254 TL5 EII | 9137006089 | 2 | | |
| HF-R TD 254 TL5 EII | 9137006065 | 2 | | |
| HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 | | |
| HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 | | |
| HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006958 | 2 | | |
| HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006561 | 2 | | |
| OSRAM | QTP-OPTIMAL 1x54-58 | | 1 | |
| | QT-FIT 5/8 1x54-58 | | 1 | |
| | QTP5 1x54 | | 1 | |
| | QTP-OPTIMAL 2x54-58 | | 2 | |
| | QT-FIT 5/8 2x54-58 | | 2 | * |
| | QTP5 2x54 | | 2 | |
| | QT-FQ 2x54/230-240 DIM | | 2 | |
| | Qti 1x28/54/35/49 GII | | 1 | * |
| | Qti 1x28/54 DIM | | 1 | |
| | Qti DALI 1x28/54 DIM | | 1 | |
| | Qti 2x28/54/35/49 GII | | 2 | * |
| | Qti 2x28/54 DIM | | 2 | |
| Qti DALI 2x28/54 DIM | | 2 | | |
| Qti 2x28/54 | | 2 | | |
| HELVAR | EL1x54ngn5 | | 1 | ** |
| | EL1x54s | | 1 | |
| | EL1x54iDim | | 1 | |
| | EL1x54sc | | 1 | ** |
| | EL2x54ngn5 | | 2 | |
| | EL2x54iDim | | 2 | |
| EL2x54sc | | 2 | | |
| TRIDONIC ATCO | PC 1x54 T5 PRO lp | 22185155 | 1 | |
| | PC 1x54 T5 TOP lp | 22185165 | 1 | * |
| | PC 1/54 T5 INDUSTRY | 89800458 | 1 | |
| | PCA 1x54 T5 BASIC lp | 22185088 | 1 | |
| | PC 2x54 T5 PRO lp | 22185156 | 2 | |
| | PC 2x54 T5 TOP lp | 22185166 | 2 | |
| | PC 2/54 T5 INDUSTRY | 89800459 | 1 | |
| | PCA 2x54 T5 BASIC lp | 22185089 | 2 | |
| | PCA 1x28/54 T5 ECO lp | 22185099 | 1 | |
| | PCA 1x28/54 T5 EXCEL one4all lp | 22185108 | 1 | |
| | PCA 2x28/54 T5 ECO lp | 22185100 | 2 | |
| | PCA 2x28/54 T5 EXCEL one4all lp | 22185109 | 2 | |
| | PC 2/14-35/49/54 T5 PRO-M lp | 22176186 | 2 | |

CorePro LEDtube HF T5 HO - 1200 mm

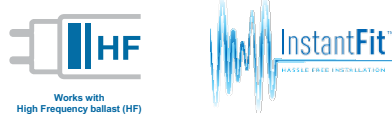


Ballast Compatibility

KEY

| | |
|----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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



| |
|--|
| CorePro LEDtube HF 1200mm HO 26.7W 8x T5 |
| Model number / (Short) EOC code: 9290037750 / 872016929558200 9290037751 / 872016929560500 9290037752 / 872016929562900 |

| | Ballast type | 12nc | Lamps on ballast | AC (50Hz) on HF Ballast Compatible |
|-----------------|---------------------------|-----------|------------------|------------------------------------|
| VOSSLOH-SCHWABE | ELXc 254.865 | 188618 | 2 | |
| | ELXc 154.633 | 188946 | 1 | * |
| | ELXd 154.611 | 188340 | 1 | |
| | ELXc 254.636 | 188949 | 2 | * |
| | ELXd 254.612 | 188341 | 2 | |
| | ELXd 254.604 | 188333 | 2 | |
| BAG-HUECO | BCS54.1FX-11/220-240 | 10077585 | 1 | |
| | BCS54.1FR-01/220-240 | 10075881 | 1 | |
| | BCS54.2FX-11/220-240 | 10077586 | 2 | |
| | BCD54.2F-01/220-240/1-10V | 10097298 | 2 | |
| | MLD54.1FR-11/220-240/DALI | 10097815 | 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 | |
| | MLD54.2FR-11/220-240/DALI | 10092121 | 2 | ** |
| | MLS54.2F-01/220-240 | 166412 | 2 | * |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 2 | |
| | MLS80.1F-01/220-240 | 166312 | 1 | |
| TCI | BTLT 254 | 137999/54 | 2 | |
| Arlen EFA | HFL 254-58M | | 2 | |
| Others | Direct mains | | | |

General notes for CorePro LEDtube HF T5 HO - 1200mm

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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

CorePro LEDtube HF T5 HO - 1500 mm

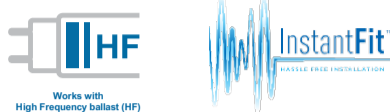
Ballast Compatibility



KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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



| |
|--|
| Corepro LEDtube HF 1500mm HO 26.7W 8xx T5 |
| Model number / (Short) EOC code: 9290037753 / 872016929564300 9290037754 / 872016929566700 9290037755 / 872016929568100 |

| | Ballast type | 12nc | Lamps on ballast | AC (50Hz) on HF Ballast Compatible |
|-------------------------------------|-------------------------------------|-------------|------------------|------------------------------------|
| PHILIPS | HF-P 1 49 TL5 HO 220-240 | 9137001660 | 1 | * |
| | HF-P 149 TL5 HO EII 220-240 | 9137006132 | 1 | * |
| | HF-P 149 TL5 HO III IDC C2E | 9137130280 | 1 | * |
| | HF-P 149 TL5 HO III IDC 4CIC | 9137130280 | 1 | * |
| | HF-S 149 TL5 II 4CIC | 9137130334 | 1 | ** |
| | HF-S 149 TL5 II C2E | 9137130334 | 1 | * |
| | HF-E 1/2 49 TL5 II | 9137130407 | 1 | * |
| | HF-P 149 TL5 220-240 | 9137001177 | 1 | * |
| | HF-R 149 TL5 220-240 | 9137001181 | 1 | ** |
| | HF-R TD 149 TL5 EII 220-240 | 9137006062 | 1 | ** |
| | HF-Pi 1 28/35/49/54 TL5 EII 220-240 | 9137006241 | 1 | * |
| | HF-Ri TD 1 28/35/49/54 TL5 E+ | 9137006956 | 1 | * |
| | HF-Ri TD 1 35/49/80 TL5 E+ | 9137006957 | 1 | * |
| | HF-Ri TD 1 35/49/80 TL5 E+ | 9137006957 | 1 | * |
| | HF-R Es 149 TL5 | 9137006620 | 1 | * |
| | HF-P Xt 149 TL5 EII 220-240 | 9137006297 | 1 | * |
| | HF-Pi 1 28/35/49/80 TL5 EII | 9137006525 | 1 | ** |
| | HF-R 149 TL5 EII | 9137006086 | 1 | ** |
| | HF-Pi 1 28/35/49/80 TL5 EII 220-240 | 9137006525 | 1 | * |
| | HF-R 149 TL5 EII 220-240 | 9137006086 | 1 | * |
| | HF-Ri TD 1 28-35-49-54 TL5 E+ | 9137006560 | 1 | * |
| | HF-P 249 TL5 220-240 | 9137001240 | 2 | * |
| | HF-P 249 TL5 HO III IDC 4CIC | 9137130281 | 2 | * |
| | HF-P 249 TL5 HO III IDC C2E | 9137130281 | 2 | * |
| | HF-E 1/2 49 TL5 II | 9137130407 | 2 | * |
| | HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 | * |
| | HF-Pi 2 28/35/49/54 TL5 EII 220-240 | 9137006243 | 2 | * |
| | HF-Pi 2 28/35/49/80 TL5 EII | 9137006526 | 2 | ** |
| | HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006958 | 2 | * |
| | HF-S 249 TL5 II 4CIC | 9137130335 | 2 | * |
| | HF-S 249 TL5 II C2E | 9137130335 | 2 | * |
| | HF-R Es 249 TL5 | 9137006621 | 2 | *(1) |
| HF-P Xt 249 TL5 EII 220-240 | 9137006298 | 2 | * | |
| HF-P 249 TL5 220-240 | 9137001324 | 2 | * | |
| HF-R 249 TL5 EII | 9137006087 | 2 | * | |
| HF-Pi 2 28/35/49/80 TL5 EII 220-240 | 9137006526 | 2 | * | |
| HF-Ri TD 2 28/35/49/54 TL5 E+ | 9137006561 | 2 | * | |
| OSRAM | QT-FQ 1X49/230-240 CW | A45625D00DG | 1 | * |
| | QTP5 1x49 (SHORTER VERSION) | A63946E01DG | 1 | * |
| | QT-FIT5 1X49 | AA7471701DG | 1 | * |
| | QTP5 2X49 | AA4002200DG | 2 | * |
| | QT-FIT5 2X49 | AA4068801DG | 2 | ** |
| | QTP5 1x49(longerVERSION) | | 1 | * |
| | Qti 1x35/49/80 GII | AA3529702OL | 1 | * |
| | Qti 1x35/49/80 | | 1 | * |
| | Qti 1x28/54/35/49 GII | AA3529600DG | 1 | * |
| | Qti 1x35/49/80 DIM | | 1 | ** (2) |
| | Qti DALI 1x35/49/80 DIM | | 1 | ** |
| | Qti 2x35/49/80 GII | A74908402DG | 2 | ** |
| | Qti 2x28/54/35/49 GII | AA3529900DG | 2 | ** |
| | Qti 2x35/49 DIM | | 2 | ** |
| Qti DALI 2x35/49 DIM | | 2 | ** | |
| Qti 2x35/49/80 DIM | | 2 | ** | |
| Qti DALI 2x35/49/80 DIM | AA3864303OL | 2 | ** | |
| HELVAR | EL1x49s-u | | 1 | ** |
| | EL1x49s | | 1 | ** |
| | EL1X49ngn5 | | 1 | ** |
| | EL1x49sc | | 1 | * |
| | EL2x49s | | 2 | * |
| EL2X49ngn5 | | 2 | * | |

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor

CorePro LEDtube HF T5 HO - 1500 mm

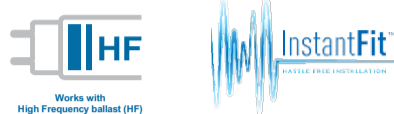


Ballast Compatibility

KEY

| | |
|----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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



| | | |
|--|------------------------------------|----|
| Corepro LEDtube HF 1500mm HO 26.7W 8xx T5 | | |
| Model number / (Short) EOC code: 9290037753 / 872016929564300 9290037754 / 872016929566700 9290037755 / 872016929568100 | | |
| AC (50Hz) on HF Ballast Compatible | | |
| TRIDONIC ATCO | PC 1/49 T5 PRO lp | ** |
| TRIDONIC ATCO | PC 1x49 T5 PRO lp | ** |
| TRIDONIC ATCO | PC 1/49 T5 INDUSTRY | ** |
| TRIDONIC ATCO | PC 1x49 T5 TOP lp | ** |
| TRIDONIC ATCO | PCA 1x49 T5 BASIC lp | ** |
| TRIDONIC ATCO | PC 2/49 T5 PRO lp | ** |
| TRIDONIC ATCO | PCA 2/49 T5 ECO lp | ** |
| TRIDONIC ATCO | PC 2x49 T5 PRO lp | ** |
| TRIDONIC ATCO | PC 2/49 T5 INDUSTRY | ** |
| TRIDONIC ATCO | PC 2x49 T5 TOP lp | ** |
| TRIDONIC ATCO | PCA 2x49 T5 BASIC lp | ** |
| TRIDONIC ATCO | PCA 1x35/49/80 T5 ECO lp | ** |
| TRIDONIC ATCO | PCA 1x35/49/80 T5 EXCEL one4all lp | ** |
| TRIDONIC ATCO | PCA 1x35/49/80 T5 EXCEL one4all lp | ** |
| TRIDONIC ATCO | PCA 2x35/49 T5 EXCEL one4all lp | ** |
| TRIDONIC ATCO | PCA 2x35/49 T5 ECO lp | ** |
| TRIDONIC ATCO | PC 2/14-35/49/54 T5 PRO-M lp | ** |
| TRIDONIC ATCO | PC 1/14-35/49/80 T5 PRO-M lp | ** |
| VOSSLOH-SCHWABE | ELXc 149.234 | * |
| VOSSLOH-SCHWABE | ELXc 249.235 | * |
| VOSSLOH-SCHWABE | ELXc 154.633 | ** |
| VOSSLOH-SCHWABE | ELXc 180.634 | ** |
| VOSSLOH-SCHWABE | ELXd 180.605 | ** |
| VOSSLOH-SCHWABE | ELXc 254.636 | ** |
| VOSSLOH-SCHWABE | ELXd 249.614 | ** |
| VOSSLOH-SCHWABE | ELXc 280.637 | ** |
| VOSSLOH-SCHWABE | ELXd 249.606 | ** |
| VOSSLOH-SCHWABE | ELXd 280.630 | ** |
| BAG-HUECO | BCS49.1FX-11/220-240 | ** |
| BAG-HUECO | BCD49.1F-01/220-240 | ** |
| BAG-HUECO | SCS49.1F-01/220-240 | * |
| BAG-HUECO | BCS49.2FX-11/220-240 | ** |
| BAG-HUECO | BCD49.2F-01/220-240 | ** |
| BAG-HUECO | MLD54.1FR-11/220-240/DALI | ** |
| BAG-HUECO | MLS80.1/54.2FR-11/220-240 | ** |
| BAG-HUECO | MLS80.1FR-11/220-240 | ** |
| BAG-HUECO | MLD80.1FR-11/220-240/DALI | ** |
| BAG-HUECO | MLD54.2FR-11/220-240/DALI | ** |
| BAG-HUECO | MLD80.2FR-11/220-240/DALI | ** |
| BAG-HUECO | MLS54.2F-01/220-240 | ** |
| BAG-HUECO | MLS80.1/54.2FR-11/220-240 | ** |
| BAG-HUECO | MLS80.1F-01/220-240 | ** |
| ARLEN EFA | BTLT 149 | * |
| ARLEN EFA | BTLT 249 | * |
| Others | Direct mains | ** |

(1) Do not use in closed luminaires
(2) Do not use in combination with a motion sensor

General notes for CorePro LEDtube HF T5 HO - 1500mm

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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

CorePro LEDtube HF T5 HE - 600 mm

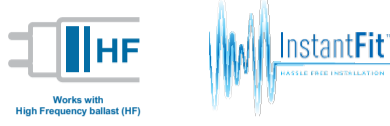


Ballast Compatibility

KEY

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|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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| | Ballast type | 12nc | Lamps on ballast |
|--------------------------|---------------------------------|----------|------------------|
| HELVAR | EL3/4x14ngn5 | | 3 |
| | EL3/4x14ngn5 | | 4 |
| | EL1x14-35ngn5 | | 1 |
| | EL2x14-35ngn5 | | 2 |
| | EL2x14-35iDim | | 2 |
| | EL2x14-35s | | 2 |
| TRIDONIC ATCO | PC 1x14 T5 TEC lp | 87500211 | 1 |
| | PCA 2x14 T5 BASIC lp | 22185077 | 2 |
| | PC 3/4x14 T5 TOP lp | 22185220 | 3 |
| | PC 3/4x14 T5 PRO lp | 22185211 | 3 |
| | PC 4x14 T5 TEC lp | 87500214 | 4 |
| | PC 3/4x14 T5 TOP lp | 22185220 | 4 |
| | PC 3/4x14 T5 PRO lp | 22185211 | 4 |
| | PC 1x14-35 T5 TOP lp | 22185157 | 1 |
| | PC 1x14-35 T5 PRO lp | 22185147 | 1 |
| | PC 1x14-21W BASIC sl | 22176001 | 1 |
| | PC 1/14-21-28-35 T5 PRO lp | 22087725 | 1 |
| | PC 1/14-21-28-35 T5 PRO lp | 22176096 | 1 |
| | PC 2x14-28 T5 TOP lp | 22185158 | 2 |
| | PC 2x14-35 T5 PRO lp | 22185148 | 2 |
| | PC 2/14-35/49/54 T5 PRO-M lp | 22176186 | 2 |
| | PC 1/14-35/49/80 T5 PRO-M lp | 22176184 | 1 |
| | PC 2/14-21/24/39 T5 PRO-M lp | 22176185 | 2 |
| | PCA 2x14/24 T5 ECO lp | 22185095 | 2 |
| | PCA 2x14/24 T5 EXCEL one4all lp | 22185104 | 2 |
| | PCA 3x14/24 T5 EXCEL one4all lp | 22176209 | 3 |
| | PCA 3x14/24 T5 ECO lp | 22176211 | 3 |
| | PCA 3x14/24 T5 EXCITE lp | 28000307 | 3 |
| | PCA 4x14/24 T5 EXCEL one4all lp | 22176210 | 4 |
| | PCA 4x14/24 T5 ECO lp | 22176212 | 4 |
| PCA 4x14/24 T5 EXCITE lp | 28000308 | 4 | |
| VOSSLOH-SCHWABE | ELXc 114.238 | 183122 | 1 |
| | ELXc 214.240 | 183124 | 2 |
| | ELXc 414.227 | 183109 | 3 |
| | ELXc 414.868 | 188438 | 3 |
| | ELXc 414.227 | 183109 | 4 |
| | ELXc 414.242 | 183126 | 4 |
| | ELXc 414.868 | 188438 | 4 |
| | ELXc 135.220 | 188921 | 1 |
| | ELXc 228.229 | 183111 | 1 |
| | ELXc 228.229 | 183111 | 2 |
| | ELXc 135.231 | 183113 | 1 |
| | ELXc 135.856 | 188093 | 1 |
| | ELXc 228.229 | 183111 | 2 |
| | ELXc 235.857 | 188094 | 2 |
| | ELXc 235.221 | 188922 | 2 |
| | ELXd 235.735 | 183059 | 2 |
| | ELXc 139.632 | 188945 | 1 |
| | ELXd 124.600 | 188329 | 1 |
| | ELXd 124.607 | 188336 | 1 |
| | ELXc 239.635 | 188948 | 2 |
| | ELXd 224.601 | 188330 | 2 |
| | ELXd 224.608 | 188337 | 2 |
| | ELXd 324.623 | 188597 | 3 |
| | ELXd 324.626 | 188597 | 3 |
| | ELXd 424.624 | 188598 | 4 |
| | ELXd 424.628 | 188598 | 4 |

CorePro LEDtube HF 600mm HE
7.1W 8xx T5

Model number / (Short) EOC code:
9290037741 / 872016929540700
9290037742 / 872016929542100
9290037743 / 872016929544500

| AC (50Hz) on HF Ballast Compatible | |
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(1) Do not use in closed luminaires

CorePro LEDtube HF T5 HE - 600 mm

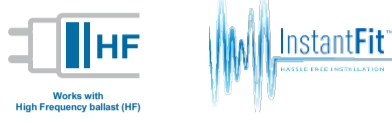
Ballast Compatibility



KEY

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|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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| |
|--|
| CorePro LEDtube HF 600mm HE 7.1W 8xx T5 |
| Model number / (Short) EOC code: 9290037741 / 872016929540700 9290037742 / 872016929542100 9290037743 / 872016929544500 |
| AC (50Hz) on HF Ballast Compatible |
| * |
| ** |
| ** |
| ** |

| | Ballast type | 12nc | Lamps on ballast |
|-----------------------|------------------------------|-----------|------------------|
| BAG-HUECO | BCS14.3-4FR-01/220-240 | 10052868 | 3 |
| | BCS14.3-4FR-01/220-240 | 10052868 | 4 |
| | BCS35.1FX-11/220-240 | 10077579 | 1 |
| | BCS35.2FX-11/220-240 | 10077580 | 2 |
| | MLS54.2F-01/220-240 | 166412 | 2 |
| | MLD39.1FR-11/220-240/DALI | 10097811 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 1 |
| | MLS39.1-2FR-11/220-240 | 10092026 | 2 |
| | MLD39.2FR-11/220-240/DALI | 10092117 | 2 |
| | MLD14/24.3FR-04/220-240/DALI | 10105150 | 3 |
| | MLS14/24.3-4FR-11/220-240 | 10095345 | 3 |
| | MLS14/24.3-4FR-11/220-240 | 10095345 | 4 |
| | MLS80.1F-01/220-240 | | 1 |
| | D35.1-23051E | | 1 |
| | SCS35.1F-01/220-240 | | 1 |
| SCS14.3-4F-01/220-240 | | 3 | |
| SCS14.3-4F-01/220-240 | | 4 | |
| TCI | BTL 414 | 137999/54 | 3 |
| | BTL 414 | | 4 |
| Arlen EFA | BE - 214-35 - T5 | | 2 |
| Others | LYZ-1X14WT5-240 | | 1 |
| | Direct mains | | |

(1) Do not use in closed luminaires

General notes for CorePro LEDtube HF T5 HE - 600mm

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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.

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

CorePro LEDtube HF T5 HE - 1200 mm

Ballast Compatibility



KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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



| | Ballast type | 12nc | Lamps on ballast |
|-----------------|---------------------------|----------|------------------|
| VOSSLOH-SCHWABE | ELXc 328.230 | 183112 | 3 |
| | ELXc 135.220 | 188921 | 1 |
| | ELXc 228.229 | 183111 | 1 |
| | ELXc 228.229 | 183111 | 2 |
| | ELXc 135.231 | 183113 | 1 |
| | ELXc 135.856 | 188093 | 1 |
| | ELXc 228.229 | 183111 | 2 |
| | ELXc 235.857 | 188094 | 2 |
| | ELXc 235.221 | 188922 | 2 |
| | ELXd 235.735 | 183059 | 2 |
| | ELXc 154.633 | 188946 | 1 |
| | ELXd 154.611 | 188340 | 1 |
| | ELXd 154.603 | 188332 | 1 |
| | ELXc 254.636 | 188949 | 2 |
| | ELXd 254.612 | 188341 | 2 |
| | ELXd 254.604 | 188333 | 2 |
| BAG-HUECO | BCS35.1FX-11/220-240 | 10077579 | 1 |
| | BCS35.2FX-11/220-240 | 10077580 | 2 |
| | MLS54.2F-01/220-240 | 166412 | 2 |
| | MLD54.2FR-11/220-240/DALI | 10092121 | 2 |
| | MLD54.1FR-11/220-240/DALI | 10097815 | 1 |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 1 |
| | MLS80.1/54.2FR-11/220-240 | 10071609 | 2 |
| | MLS80.1FR-11/220-240 | 10071608 | 1 |
| | D35.1-23051E | | 1 |
| | SCS35.1F-01/220-240 | | 1 |
| | MLS80.1F-01/220-240 | | 1 |
| ELT | BE - 214-35 - T5 | | 2 |
| GELEC | CDZ128LY10 | | 1 |
| THORN | GM128 | | 1 |
| Others | Direct mains | | |

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| CorePro LEDtube HF 1200mm HE 17.1W 8xx T5 |
| Model number / (Short) EOC code: 9290037744 / 872016929546900 9290037745 / 872016929548300 9290037746 / 872016929550600 |
| AC (50Hz) on HF Ballast Compatible |
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(1) Do not use in closed luminaires

General notes for CorePro LEDtube HF T5 HE - 1200mm

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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.

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CorePro LEDtube HF T5 HE - 1500 mm

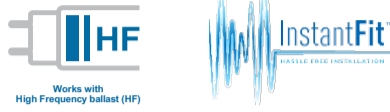


Ballast Compatibility

KEY

| | |
|----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| | Ballast is not compatible |

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



| | Ballast type | 12nc | Lamps on ballast |
|---------------------------|---------------------|----------------------|------------------|
| VOSSLOH-SCHWABE | ELXc 235.232 | 183114 | 2 |
| | ELXc 135.220 | 188921 | 1 |
| | ELXc 135.231 | 183113 | 1 |
| | ELXc 135.856 | 188093 | 1 |
| | ELXc 235.857 | 188094 | 2 |
| | ELXc 235.221 | 188922 | 2 |
| | ELXd 235.735 | 183059 | 2 |
| | ELXc 154.633 | 188946 | 1 |
| | ELXc 180.634 | 188947 | 1 |
| | ELXd 180.605 | 188334 | 1 |
| | ELXc 254.636 | 188949 | 2 |
| | ELXc 280.637 | 188950 | 2 |
| | ELXd 249.606 | 188335 | 2 |
| | ELXd 280.630 | 188604 | 2 |
| | BAG-HUECO | BCS35.1FX-11/220-240 | 10077579 |
| BCS35.2FX-11/220-240 | | 10077580 | 2 |
| MLD54.1FR-11/220-240/DALI | | 10097815 | 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 |
| MLD54.2FR-11/220-240/DALI | | 10092121 | 2 |
| MLD80.2FR-11/220-240/DALI | | 10101905 | 2 |
| MLS54.2F-01/220-240 | | 166412 | 2 |
| MLS80.1/54.2FR-11/220-240 | | 10071609 | 2 |
| MLS39.1-2FR-11/220-240 | | 10092026 | 1 |
| MLS39.1-2FR-11/220-240 | | 10092026 | 2 |
| MLS80.1F-01/220-240 | | | 1 |
| D35.1-23051E | | | 1 |
| SCS35.1F-01/220-240 | | 1 | |
| TCI | MLS80.1F-01/220-240 | | 1 |
| ARLEN EFA | BE - 214-35 - T5 | | 2 |
| | LYZ-1X14WT5-240 | | 1 |
| | LYZ-1X35WT5-240 | | 1 |
| | LYZ-1X35WT5-110C | | 1 |
| Others | Direct mains | | |

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|--|--|
| | CorePro LEDtube HF 1500mm HE 20.5W 8xx T5 |
| | Model number / (Short) EOC code: 9290037747 / 872016929552000 9290037748 / 872016929554400 9290037749 / 872016929556800 |
| | AC (50Hz) on HF Ballast Compatible |
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General notes for CorePro LEDtube HF T5 HE - 1500mm

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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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

MASTER LEDtube HF T8 - 600 mm

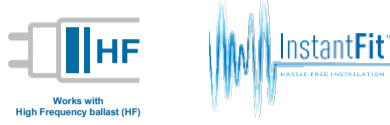
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| CF | Ballast is compatible and supports camera friendly performance on commonly used consumer cameras |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

This document is for information purposes and must be treated as recommendation. Signify 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 118 TLD III IDC | 9137130312 | 1 |
| | HF-P 218 TLD III IDC | 9137130313 | 2 |
| | HF-S 118 TLD II | 9137130320 | 1 |
| | HF-S 218 TL-D II 220-240V 50/60Hz | 9137130323 | 2 |
| | HF-S 3/4x18 TLD II | 9137130326 | 3 |
| | HF-S 3/4x18 TLD II | 9137130326 | 4 |
| | HF-Matchbox 1x18 Blue | 9137004180 / 9137004179 | 1 |
| | HF-Matchbox 1x18 RED | 9137004234 | 1 |
| | HF-P 3/4x18 TLD III IDC | 9137130314 | 3 |
| | HF-P 3/4x18 TLD III IDC | 9137130314 | 4 |
| | HF-E 136 TL-D II 220-240V 50/60Hz (HF-E 218 TLD) | 9137130390 | 2 |
| | HF-E 418 TL-D II 220-240V 50/60Hz-parl | 9137130412 | 4 |
| | HF-P 118 TLD 220-240 | 9137001709 | 1 |
| | HF-P 118/136 TL-D III | 9137130315 | 1 |
| | HF-S 118/136 TL-D II | 9137130321 | 1 |
| | HF-P 218/236 TL-D III | 9137130316 | 2 |
| | HF-S 218/236 TL-D II | 9137130324 | 2 |
| | HF-R 318 TL-D EII | 9137006295 | 3 |
| | HF-R 418 TL-D EII | 9137006146 | 4 |
| | HF-P 118 TLD EII 220-240 | 9137001910 | 1 |
| HF-Pi 1 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 1 | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 2 | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 3 | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 4 | |
| OSRAM | QTP8 1x18 | | 1 |
| | QTP8 2x18 | | 2 |
| | QT-FIT8 1x18 | | 1 |
| | QT-FIT8 2x18 | | 2 |
| | QT Fit 5/8 1x18-39 | | 1 |
| | QTP-OPTIMAL 118-40 | | 1 |
| | QTP-OPTIMAL 218-40 | | 2 |
| | QT Fit 5/8 2x18-39 | | 2 |
| | QT-FIT8 3/4X18 | | 3 |
| | QT-FIT8 3/4X18 | | 4 |
| HELVAR | EL1x18ngn | | 1 |
| | EL2x18ngn | | 2 |
| | EL 3/4x18ngn | | 4 |
| | EL 3/4x18ngn | | 3 |
| | EL1x18s | | 1 |
| | EL 4x18ngn | | 4 |
| EL2x18s | | 2 | |
| RIDONIC ATCO | PC 118 PRO Ip | 22185213 | 1 |
| | PC 218 PRO Ip | 22185216 | 2 |
| | PC 1X18-24W BASIC | 22176000 | 1 |
| | PC 1x18 T8 TOP sl | 22185222 | 1 |
| | PC 3/4X18 TOP Ip | 22185219 / 22185228 | 3 |
| | PC 3/4X18 TOP Ip | 22185219 / 22185228 | 4 |
| | PC 1/14-35/24/39 T5 PRO-M Ip | 22176182 | 1 |
| | PC 2/14-35/24/39 T5 PRO-M Ip | 22176185 | 2 |
| | PC 1x18 T8 TEC | 87500113 | 1 |
| | PC 2x18 T8 TEC | 87500114 | 2 |

| MAS LEDtube HF 600mm HO 8W 8xx T8 | |
|---|--|
| Model number / (Short) EOC code: 9290013931C / 871951446640100 9290013932C / 871951446642500 9290013933C / 871951446644900 | |
| AC (50Hz) on HF Ballast Compatible | |
| CF | |
| CF | |
| CF | |
| CF | |
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| CF | |
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MASTER LEDtube HF T8 - 600 mm

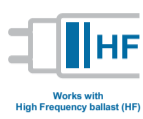
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| CF | Ballast is compatible and supports camera friendly performance on commonly used consumer cameras |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

This document is for information purposes and must be treated as recommendation. Signify 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 136.200 | 188314 | 1 |
| | ELXc 236.208 | 188705 | 2 |
| | ELXc 424.379 | 188116 | 3 |
| | ELXc 424.379 | 188116 | 4 |
| | ELXc 418.204 | 188318 | 3 |
| | ELXc 418.204 | 188318 | 4 |
| | ELXc 136.207 | 188708 | 1 |
| BAG-HUECO | BCS18.1FX-11/220-240 | 1007 7588 | 1 |
| | BCS18.2FX-11/220-240 | 1007 7589 | 2 |
| | BCS18.3-4LR-01/220-240 3lamp | 1005 0999 | 3 |
| | BCS18.3-4LR-01/220-240 4lamp | 1005 0999 | 4 |
| Others | Direct mains | | |
| | Electro Magnetic Ballast | | |

| |
|---|
| MAS LEDtube HF 600mm HO 8W 8xx T8 |
| Model number / (Short) EOC code: 9290013931C / 871951446640100 9290013932C / 871951446642500 9290013933C / 871951446644900 |
| AC (50Hz) on HF Ballast Compatible |
| CF |
| * / CF |
| CF |
| CF |
| CF |
| CF |
| * / CF |
| CF |
| CF |

General notes Philips Master LEDtube HF 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 LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Signify sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Philips 600mm MASTER 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.

MASTER LEDtube HF T8 - 1200 mm

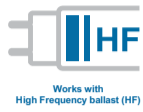


Ballast Compatibility

KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| CF | Ballast is compatible and supports camera friendly performance on commonly used consumer cameras |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

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



| | | | MAS LEDtube HF 1200mm 14W 833 T8 FOOD | MAS LEDtube HF 1200mm HO 14W8xx T8 | MAS LEDtube HF 1200mm UO 16W8xx T8 | |
|-----------------------|-------------------------------------|------------------|--|--|--|----------|
| | | | Model number / (Short) EOC code: 9290024794 / 871951429616900 | Model number / (Short) EOC code: 9290035534 / 871951446688300 9290035535 / 871951446684500 9290035536 / 871951446686900 | Model number / (Short) EOC code: 9290035540 / 871951446700200 9290035541 / 871951446696800 9290035542 / 871951446698200 | |
| 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 | |
| PHILIPS | HF-B 136 TLD 220-240 | 9137001122 | 1 | * | * | * |
| | HF-B 136 TLD EII 220-240 | 9137001926 | 1 | */CF | */CF | */CF |
| | HF-B 236 TL-D 220-240 | 9137001124 | 2 | * | * | * |
| | HF-B 236 TLD EII 220-240 | 9137001928 | 2 | * | * | * |
| | HF-E 136 TL-D II | 9137130410 | 1 | | | |
| | HF-E 236 TL-D | 9137130391 | 2 | | | |
| | HF-E 236 TL-D II | 9137130411 | 2 | | | |
| | HF-K 136 TLD 220-240 | 9137001477 | 1 | */CF | */CF | */CF |
| | HF-P 136 TL-D III IDC | 9137130315 | 1 | CF | CF | CF |
| | HF-P 236 TL-D III IDC | 9137130316 | 2 | | | |
| | HF-P 336 TL-D III IDC | 9137130317 | 3 | */CF | */CF | */CF |
| | HF-P Xt 136 TLD EII 220-240 | 9137006177 | 1 | */CF | */CF | */CF |
| | HF-P XT 236 TLD EII 220-240 | 9137006178 | 2 | */CF | */CF | */CF |
| | HF-P 136 TLD EII 220-240 | 9137001911 | 1 | */CF | */CF | */CF |
| | HF-P 236 TLD 230-240 | 9137001112 | 2 | | | * |
| | HF-Pi 1 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 | CF | CF | CF |
| | HF-R 136 TL-D EII | 9137006092 | 1 | Dim / CF | Dim / CF | Dim / CF |
| | HF-R 236 TL-D EII | 9137006093 | 2 | | | |
| | HF-R 136 TL-D 220-240V 50/60Hz | 9137001117 | 1 | | | |
| | HF-S 136 TL-D II | 9137130321 | 1 | */CF | */CF | */CF |
| | HF-S 236 TL-D II | 9137130324 | 2 | | | |
| | HF-S 336 TL-D II | 9137130327 | 3 | */CF | */CF | */CF |
| | HF-P 118/136 TL-D III | 9137130315 | 1 | CF | CF | CF |
| | HF-S 118/136 TL-D II | 9137130321 | 1 | */CF | */CF | CF |
| | HF-P 218/236 TL-D III | 9137130316 | 2 | | | |
| | HF-S 218/236 TL-D II | 9137130324 | 2 | | | |
| | EB-C 136 TL-D 220-240 | 9137131992 | 1 | | | |
| | EB-Ci 1-2 36w/1-4 18W | 9137130431 | 1 | CF | CF | CF |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 2 | | | | |
| OSRAM | QT-FIT8 1x36 | | 1 | */CF | */CF | */CF |
| | QT-FIT8 2x36 | | 2 | */CF | */CF | */CF |
| | QTP8 1x36 | | 1 | */CF | */CF | */CF |
| | QTP8 2x36 | | 2 | * | * | * |
| | QTP-OPTIMAL 1x18-40 | | 1 | CF | CF | CF |
| | QTP-OPTIMAL 2x18-40 | | 2 | */CF | */CF | */CF |
| | QTP-DL 1x36-40 | | 1 | * | * | * |
| | QT-FIT 5/8 1x18-39 | | 1 | CF | CF | CF |
| | QT-FIT 5/8 2x18-39 | | 2 | */CF | */CF | */CF |
| HELVAR | EL1x36/40/18S | | 1 | */CF | */CF | */CF |
| | EL1x36HF | | 1 | | | |
| | EL1x36ngn | | 1 | */CF | */CF | */CF |
| | EL2x36/40s | | 2 | */CF | */CF | */CF |
| | EL2x36ngn | | 2 | | | |
| TRIDONIC ATCO | PC 1/36 T8 INDUSTRY | 86458035 | 1 | | | |
| | PC 1/36 T8 PRO | 22176217 | 1 | | | |
| | PC 1x36 T8 PRO lp | 22185214 | 1 | CF | CF | CF |
| | PC2/36 T8 INDUSTRY | 86458036 | 2 | */CF | */CF | */CF |
| | PC2x36 T8 PRO sl | 22185217 | 2 | */CF | */CF | */CF |
| | PC 2x36 T8 TOP sl | 22185226 | 2 | */CF | */CF | */CF |
| | PC 1x36 T8 TOP sl | 22185223 | 1 | CF | CF | CF |
| | PC1/36 T8 PRO sc | 89800008 | 1 | | | |
| | PC 1/36 T8 PRO | 22176108 | 1 | | | |
| | PC 3/36 T8 PRO | 22176231 | 3 | * | * | * |
| PC 1/36 TCL PRO | 87500507 | 1 | */CF | */CF | */CF | |

MASTER LEDtube HF T8 - 1200 mm

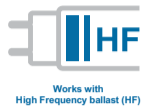
Ballast Compatibility



KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Dim |
| | Ballast is compatible and conditional released for dimming |
| | CF |
| | Ballast is compatible and supports camera friendly performance on commonly used consumer cameras |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

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



| | | | MAS LEDtube HF 1200mm 14W 833 T8 FOOD | MAS LEDtube HF 1200mm HO 14W8xx T8 | MAS LEDtube HF 1200mm UO 16W8xx T8 | |
|-----------------|----------------------|-----------------|--|--|--|------|
| | | | Model number / (Short) EOC code: 9290024794 / 871951429616900 | Model number / (Short) EOC code: 9290035534 / 871951446688300 9290035535 / 871951446684500 9290035536 / 871951446686900 | Model number / (Short) EOC code: 9290035540 / 871951446700200 9290035541 / 871951446696800 9290035542 / 871951446698200 | |
| | | | AC (50 Hz) on HF Ballast Compatible | AC (50 Hz) on HF Ballast Compatible | AC (50 Hz) on HF Ballast Compatible | |
| VOSSLOH-SCHWABE | Ballast type | 10nc / Ref. no. | Lamps on ballast | | | |
| | ELXc 136.207 | 188708 | 1 | */CF | */CF | */CF |
| | ELXc 236.202 | 188316 | 2 | */CF | */CF | */CF |
| | ELXc 236.208 | 188705 | 2 | */CF | */CF | */CF |
| | ELXe 238.527 | 188137 | 2 | CF | CF | CF |
| | ELXe 238.527 | 188137 | 1 | CF | CF | CF |
| BAG-HUECO | BCS36.1FX-11/220-240 | 10077590 | 1 | CF | CF | CF |
| | BCS36.2FX-11/220-240 | 10077591 | 2 | | | |
| | D36.2-23021 E | 166132 | 2 | | | |
| | D 58.1-23021 E | 166072 | 1 | */CF | */CF | */CF |
| | ECS36.2SR-01/220-240 | 167032 | 2 | | | |
| Trilux | D36.2-23021 E | | 2 | | | |
| | D58.1-23021E | | 1 | * | * | * |
| | DD58.1-23031E | | 1 | | | |
| Others | EM ballast | | | | | |
| | Direct Mains | | | | | |

General notes Philips Master LEDtube HF 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 LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Signify sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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 Signify 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 T8 - 1500 mm

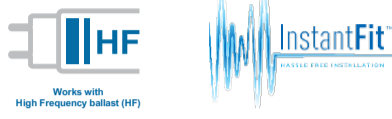
Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| CF | Ballast is compatible and supports camera friendly performance on commonly used consumer cameras |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

This document is for information purposes and must be treated as recommendation. Signify 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 | MAS LEDtube HF 1500mm HO 20W8xx T8 | MAS LEDtube HF 1500mm UO 24W8xx T8 |
|----------------------|--|-----------------|------------------|--|--|
| | | | | Model number / (Short) EOC code: 9290035537 / 871951446694400 9290035538 / 871951446690600 9290035539 / 871951446692000 | Model number / (Short) EOC code: 9290035543 / 871951446706400 9290035544 / 871951446702600 9290035545 / 871951446704000 |
| | | | | 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 | */ CF | */ CF |
| | 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 | */ CF | */ CF |
| | HF-P 154/155 TL5 HO/PL-L III IDC | 9137 130 282 | 1 | CF | CF |
| | HF-P 158 TLD 230-240 | 9137001111 | 1 | CF | CF |
| | HF-P 158 TLD EII 220-240 | 9137 001 912 | 1 | * | * |
| | HF-P 158 TL-D III IDC | 9137 130 318 | 1 | CF | CF |
| | HF-P 258 TLD EII 220-240 | 9137 001 916 | 2 | */ CF | */ CF |
| | HF-P 258 TL-D III IDC | 9137 130 319 | 2 | | |
| | HF-P Xt 158 TLD EII 220-240 | 9137 006 179 | 1 | */ CF | */ CF |
| | HF-P Xt 258 TL-D EII 220-240 | 9137 006 180 | 2 | */ CF | */ CF |
| | HF-P 158 TLD 220-240 | 9137 001 185 | 1 | | |
| | HF-P 258 TLD 230-240 | 9137 001 110 | 2 | * | * |
| | HF-R 258 TLD 220-240 | 9137 001 119 | 2 | * | * |
| | HF-R 158 TLD EII | 9137 006 094 | 1 | Dim / CF | Dim / CF |
| | HF-R 258 TLD EII | 9137 006 095 | 2 | | |
| | HF-RiTD 1 28/35/49/54TL5 | 9137006956 | 1 | | |
| | HF-RiTD 2 28/35/49/54TL5 | 9137006958 | 2 | | |
| | HF-S 158 (Designed for Philips Luminaires) | | 1 | * | * |
| | HF-S 158 TL-D II | 9137 130 322 | 1 | CF | CF |
| | HF-S 258 TL-D II | 9137 130 325 | 2 | CF | CF |
| | HF-S 258 TL-D II HT | 9137 006 899 | 2 | CF | CF |
| | HF-S 158 TLD 220-240 | 9137 006 319 | 1 | CF | CF |
| | EB-P 258 TLD ICC 220-240 | 9137 130 210 | 2 | */ CF | */ CF |
| | HF-P 258 TLD 220-240 | 9137001206 | 2 | | |
| HF-S 258 TLD 220-240 | 9137006452 | 2 | CF | CF | |
| OSRAM | QT Deluxe HF 1x58 230-240 DIM | | 1 | | |
| | QT Deluxe HF 2x58 230-240 Dim | | 2 | | |
| | QT-FIT8 1x58-70 | | 1 | CF | CF |
| | QT-FIT8 2x58-70 | | 2 | | |
| | QTP8 1x58 | | 1 | | */ CF |
| | QTP8 2x58 | | 2 | * | * |
| | QTP 2x58/230-240 | | 2 | */ CF | */ CF |
| | QTP 1x58/230-240 | | 1 | | |
| | QTP-OPTIMAL 1x54-58 | | 1 | CF | CF |
| | QTP-OPTIMAL 2x54-58 | | 2 | CF | CF |
| | QT 1X58 DIM | | 1 | | |
| | QT-FIT 5/8 1x54-58 | | 1 | CF | CF |
| QT-FIT 5/8 2x54-58 | | 2 | CF | CF | |
| QT-FIT8 2x58 | | 2 | CF | CF | |
| HELVAR | EL1x58ngn | | 1 | | |
| | EL1x58s | | 1 | CF | CF |
| | EL2x58es | | 2 | * | * |
| | EL2x58HF | | 2 | CF | CF |
| | EL2x58ngn | | 2 | | * |
| EL2x58s | | 2 | CF | CF | |
| TRIDONIC ATCO | PC 1/58 T8 INDUSTRY | 86 458 037 | 1 | */ CF | */ CF |
| | PC 1/58 T8 PRO | 22 176 094 | 1 | */ CF | */ CF |
| | PC 1/58 T8 PRO | 22 176 007 | 1 | */ CF | */ CF |
| | PC 1x58 T8 PRO lp | 22 185 215 | 1 | CF | CF |
| | PC 2/58 T8 INDUSTRY | 86 458 038 | 2 | */ CF | */ CF |
| | PC 2x58 E011 | | 2 | | |
| | PC 2x58 E011 IDC | 22 083 174 | 2 | | |
| | PC 2x58 T8 PRO sl | 22 185 218 | 2 | */ CF | */ CF |
| | PC 1x58 T8 TOP sl | 22185224 | 1 | CF | |
| | PC 2x58 T8 TOP sl | 22185227 | 2 | */ CF | */ CF |
| | PCA 1/58 excel one4all | 22 085 286 | 1 | | |
| | PCA 2x58 EXCEL One4all lp | 28 000 040 | 2 | | |

MASTER LEDtube HF T8 - 1500 mm

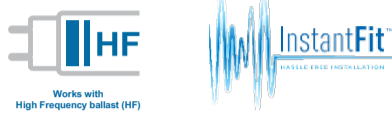


Ballast Compatibility

KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Dim |
| | Ballast is compatible and conditional released for dimming |
| | CF |
| | Ballast is compatible and supports camera friendly performance on commonly used consumer cameras |
| | Ballast is not compatible |
| | Ballast LEDtube combination not tested |

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



| | | | MAS LEDtube HF 1500mm HO 20W8xx T8 | MAS LEDtube HF 1500mm UO 24W8xx T8 | |
|-----------------|---------------------------|------------------|--|--|--------|
| | | | Model number / (Short) EOC code: 9290035537 / 871951446694400 9290035538 / 871951446690600 9290035539 / 871951446692000 | Model number / (Short) EOC code: 9290035543 / 871951446706400 9290035544 / 871951446702600 9290035545 / 871951446704000 | |
| | | | AC (50 Hz) on HF Ballast Compatible | AC (50 Hz) on HF Ballast Compatible | |
| Ballast type | 10nc / Ref. no. | Lamps on ballast | | | |
| VOSSLOH-SCHWABE | ELXc 158.201 | 188315 | 1 | CF | CF |
| | ELXc 158.209 | 188706 | 1 | CF | CF |
| | ELXc 158.218 | 188870 | 1 | CF | CF |
| | ELXc 258.203 | 188317 | 2 | CF | CF |
| | ELXc 258.210 | 188707 | 2 | * / CF | * / CF |
| | ELXc 258.219 | 188871 | 2 | * / CF | * / CF |
| | ELXe 258.222 | 188130 | 2 | CF | CF |
| | ELXe 258.222 | 188130 | 1 | CF | CF |
| | ELXe 158.524 | 188024 | 1 | CF | CF |
| BAG-HUECO | BCD58.1F-01/220-240/1-10V | 1009 7145 | 1 | | |
| | BCS58.1FX-11/220-240 | 1007 7592 | 1 | CF | CF |
| | BCS58.2FX-11/220-240 | 1007 7593 | 2 | | |
| | BCS58.2SX-01/220-240 | 1005 1003 | 2 | | |
| | BCS58.1SR-01/220-240 | 1005 1002 | 1 | * / CF | * / CF |
| | D 58.1-23021 E | 166 072 | 1 | | |
| | D 58.2-23021 E | 166 082 | 2 | | |
| | SCS58.2SR-11/220-240 | 166 272 | 2 | | |
| Trilux | D58.1-23021E | | 1 | | |
| | DD58.1-23031E | | 1 | | |
| May + Christie | MCU 158 | | 1 | | |
| | MCU 258 | | 2 | | |
| Others | Direct mains | | | | |
| | Electro Magnetic Ballast | | | | |

General notes Philips Master LEDtube HF 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 LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Signify sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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 Signify 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 Value LEDtube Universal T8 - 1200 mm



Ballast Compatibility

KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

This document is for information purposes and must be treated as recommendation. Signify 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-B 136 TLD 220-240 | 9137001122 | 1 |
| | HF-B 136 TLD EII 220-240 | 9137001926 | 1 |
| | HF-B 236 TL-D 220-240 | 9137001124 | 2 |
| | HF-B 236 TLD EII 220-240 | 9137001928 | 2 |
| | HF-E 136 TL-D II | 9137130410 | 1 |
| | HF-E 236 TL-D | 9137130391 | 2 |
| | HF-E 236 TL-D II | 9137130411 | 2 |
| | HF-K 136 TLD 220-240 | 9137001477 | 1 |
| | HF-P 136 TL-D III IDC | 9137130315 | 1 |
| | HF-P 236 TL-D III IDC | 9137130316 | 2 |
| | HF-P 336 TL-D III IDC | 9137130317 | 3 |
| | HF-P Xt 136 TLD EII 220-240 | 9137006177 | 1 |
| | HF-P XT 236 TLD EII 220-240 | 9137006178 | 2 |
| | HF-P 136 TLD EII 220-240 | 9137001911 | 1 |
| | HF-P 236 TLD 230-240 | 9137001112 | 2 |
| | HF-Pi 1 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 |
| | HF-R 136 TL-D EII | 9137006092 | 1 |
| | HF-R 236 TL-D EII | 9137006093 | 2 |
| | HF-R 136 TL-D 220-240V 50/60Hz | 9137001117 | 1 |
| | HF-Ri TD 1 14/21/24/39TL5 E+ | 9137006983 | 1 |
| | HF-Ri TD 2 14/21/24/39TL5 E+ | 9137006984 | 2 |
| | HF-S 136 TL-D II | 9137130321 | 1 |
| | HF-S 236 TL-D II | 9137130324 | 2 |
| | HF-S 336 TL-D II | 9137130327 | 3 |
| | HF-P 118/136 TL-D III | 9137130315 | 1 |
| | HF-S 118/136 TL-D II | 9137130321 | 1 |
| | HF-P 218/236 TL-D III | 9137130316 | 2 |
| | HF-S 218/236 TL-D II | 9137130324 | 2 |
| | HF-P 136 TLD 220-240 | 9137001727 | 1 |
| | HF-P 138 TLD 220-240 | 9137001220 | 1 |
| | HF-P 236 TLD 220-240 | 9137001187 | 2 |
| | EB-C 136 TL-D 220-240 | 9137131992 | 1 |
| | EL-B 236 TLD 220-240 | 444100085821 | 2 |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 2 | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 1 | |
| 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 |
| | QTP-DL 1x36-40 | | 1 |
| | QT-FIT 5/8 1x18-39 | | 1 |
| | QTP-DL 2x36-40 | | 2 |
| HELVAR | EL1x36/40/18S | | 1 |
| | EL1x36HF | | 1 |
| | EL1x36ngn | | 1 |
| | EL2x36/40s | | 2 |
| | EL2x36ngn | | 2 |
| | EL 1X36sc | | |
| EL 2X36sc | | | |

| MAS LEDtube VLE UN 1200mm UO 15.5W8xx T8 | |
|---|----|
| Model number / (Short) EOC code: 9290029970A / 871951431668300 9290029971A / 871951431670600 9290029972A / 871951431672000 | |
| AC (50Hz) on HF Ballast Compatible | |
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MASTER Value LEDtube Universal T8 - 1200 mm



Ballast Compatibility

KEY

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|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

This document is for information purposes and must be treated as recommendation. Signify 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 |
|-----------------|----------------------|-----------------|------------------|
| 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 |
| | ELXd 136.852 | 188084 | 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 | 98147 | 2 |
| | D58.1-23021E | | 1 |
| | DD58.1-23031E | | 1 |
| SIEMENS | 5LZ 3211-1N | | 1 |
| | BTL8 136 | | 1 |
| Others | EM ballast | | 1 |
| | Direct Mains | | 1 |

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|--|
| MAS LEDtube VLE UN 1200mm UO 15.5W8xx T8 |
| Model number / (Short) EOC code: 9290029970A/ 871951431668300 9290029971A/ 871951431670600 9290029972A/ 871951431672000 |
| AC (50Hz) on HF Ballast Compatible |
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General notes Philips MASTER Value LEDtube Universal

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 LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Signify sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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 Signify 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 Value LEDtube Universal T8 - 1500 mm



Ballast Compatibility

KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



| |
|---|
| MAS LEDtube VLE UN 1500mm UO 23W8xx T8 |
| Model number / (Short) EOC code: 9290029973A / 871951431674400 9290029974A / 871951431676800 9290029975A / 871951431678200 |

| | Ballast type | 10nc / Ref. no. | Lamps on ballast | AC (50Hz) on HF Ballast Compatible |
|------------------|----------------------------------|-----------------|------------------|------------------------------------|
| PHILIPS | 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 230-240 | 9137 001 110 | 2 | |
| | 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-RITD 1 28/35/49/54TL5 E+ | 9137006956 | 1 | |
| | HF-P 158 TLD 230-240 | 9137001111 | 1 | |
| | HF-RITD 2 28/35/49/54TL5 E+ | 9137006958 | 2 | |
| | HF-S 158 | | 1 | . |
| | HF-S 158 TL-D II | 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 | |
| | HF-P 258 TLD 220-240 | 9137001206 | 2 | |
| | EI 158 TL-D 220-240 | 9137006075 | 1 | |
| | HF-R TD 258 TLD EII 220-240 | 9137006070 | 2 | |
| | HF-S 258 TLD 220-240 | 9137006452 | 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 | |
| | QT-FIT8 2x58 | | 2 | |
| QTP 1x58/230-240 | | 1 | | |
| QTP 2x58/230-240 | | 2 | . | |
| HELVAR | EL1x58ngn | | 1 | |
| | EL1x58s | | 1 | |
| | EL2x58es | | 2 | . |
| | EL2x58HF | | 2 | |
| | EL2x58ngn | | 2 | |
| EL2x58s | | 2 | | |

MASTER Value LEDtube Universal T8 - 1500 mm



Ballast Compatibility

KEY

| | |
|--|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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



MAS LEDtube VLE UN 1500mm UO
23W8xx T8

Model number / (Short) EOC code:
9290029973A / 871951431674400
9290029974A / 871951431676800
9290029975A / 871951431678200

AC (50Hz) on HF Ballast Compatible

| | Ballast type | 10nc / Ref. no. | Lamps on ballast | |
|--------------------|------------------------------|-----------------|------------------|--------|
| TRIDONIC ATCO | PC 1/58 T8 INDUSTRY | 86 458 037 | 1 | ** |
| | PC 1x58 T8 PRO Ip | 22 185 215 | 1 | |
| | PC 1/58 T8 PRO | 22176094 | 1 | ** |
| | PC 2/58 T8 INDUSTRY | 86 458 038 | 2 | * |
| | PC 2x58 E011 IDC | 22 083 174 | 2 | |
| | PC 2x58 T8 PRO sl | 22 185 218 | 2 | * |
| | PC 1x58 T8 TOP sl | 22185224 | 1 | |
| | PC 2x58 T8 TOP sl | 22185227 | 2 | |
| | PCA 1/58 excel one4all | 22 085 286 | 1 | |
| | PCA 2x58 EXCEL One4all Ip | 28 000 040 | 2 | |
| | PC 1x58 T8 TEC | 87500150 | 1 | |
| | PC 1/58 T8 PRO | 22176007 | 1 | |
| | PCA 1x58 T8 EXCEL One4all Ip | 28000036 | 1 | |
| | PCA 1x58 T8 BASIC Ip | 28000043 | 1 | |
| | PCA 1x58 T8 Eco Ip | 28000037 | 1 | |
| | PC 2x58 T8 TEC | 87500151 | 2 | |
| PCA 2x58 T8 ECO Ip | 28000041 | 2 | | |
| VOSSLOH-SCHWABE | ELXc 158.201 | 188315 | 1 | |
| | ELXc 158.209 | 188706 | 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 | |
| BAG-HUECO | BCD58.1F-01/220-240/1-10V | 1009 7145 | 1 | **/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 | |
| | BCS58.1SR-01/220-240 | 10051002 | 1 | * |
| | SCS58.1S-01/230-240 | 166352 | 1 | |
| | ECS58.2SR-01/220-240 | 167172 | 2 | |
| Trilux | D58.1-23021E | 98432 | 1 | |
| | DD58.1-23031E | 98625 | 1 | |
| | D58.2-23021E | | | |
| May + Chiene | MCU 158 | | 1 | |
| | MCU 258 | | 2 | |
| LUDWIG | ELXe 158.250 | 172762 | 1 | |
| Others | Direct mains | | | |
| | Electro Magnetic Ballast | | | |

General notes Philips MASTER Value LEDtube Universal

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 LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Signify sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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 Signify 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.

CorePro LEDtube Universal T8 - 600 mm

Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

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CorePro LEDtube UN 600mm HO
8W8xx T8

Model number / (Short) EOC code:
290024198B / 871869978277100
9290024199B / 871869978279500
9290024200B / 871869978281800

AC (50Hz) on HF Ballast Compatible

| | Ballast type | 10nc / Ref. no. | Lamps on ballast | |
|-----------------------------|-------------------------------------|-------------------------|------------------|----|
| PHILIPS | HF-P 118 TLD III IDC | 9137130312 | 1 | |
| | HF-P 218 TLD III IDC | 9137130313 | 2 | * |
| | HF-S 118 TLD II | 9137130320 | 1 | |
| | HF-S 218 TL-D II 220-240V 50/60Hz | 9137130323 | 2 | |
| | HF-S 3/4x18 TLD II | 9137130326 | 3 | * |
| | HF-S 3/4x18 TLD II | 9137130326 | 4 | |
| | HF-Matchbox 1x18 Blue | 9137004180 / 9137004179 | 1 | |
| | HF-Matchbox 1x18 RED | 9137004234 | 1 | * |
| | HF-P 3/4x18 TLD III IDC | 9137130314 | 3 | |
| | HF-P 3/4x18 TLD III IDC | 9137130314 | 4 | |
| | HF-S 118/136 TL-D II | 9137130321 | 1 | |
| | HF-Ri TD 1 14/21/24/39 TL5 E+ | 9137006983 | 1 | |
| | EB-C 118 TLD 220 | 9137131990 | 1 | |
| | EB-E 118 TLD 220 | 9137100604 | 1 | |
| | HF-R 118 TLD EII | 9137006203 | 1 | |
| | HF-P 118 TLD EII 220-240 | 9137001910 | 1 | |
| | HF-Pi 1 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 | |
| | EB-Ci 1-2 36w/1-4 18W | 9137130431 | 1 | |
| | HF-P 218/236 TL-D III | 9137130316 | 2 | * |
| | HF-S 218/236 TL-D II | 9137130324 | 2 | |
| | HF-Ri TD 2 14/21/24/39 TL5 E+ | 9137006984 | 2 | |
| | EB-C 218 TLD 220 | 9137131991 | 2 | |
| | EB-Ci 1-2 36w/1-4 18W | 9137130431 | 2 | |
| | HF-R 318 TL-D EII | 9137006295 | 3 | |
| | EB-C 318 TLD 220 | 9137131975 | 3 | |
| HF-R 418 TL-D EII | 9137006146 | 4 | | |
| EB-C 418 TLD 220 | 9137131973 | 4 | | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 3 | | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 4 | * | |
| HF-P 3/4 18 TLD EII 220-240 | 9137001919 | 3 | | |
| HF-P 3/4 18 TLD EII 220-240 | 9137001919 | 4 | | |
| OSRAM | QTP8 1x18 | | 1 | * |
| | QTP8 2x18 | | 2 | ** |
| | QT-FIT8 1x18 | | 1 | ** |
| | QT-FIT8 2x18 | | 2 | |
| | QT Fit 5/8 1x18-39 | | 1 | |
| | QTP-OPTIMAL 118-40 | | 1 | |
| | QT Fit 5/8 2x18-39 | | 2 | * |
| | QT-FIT8 3/4X18 | | 3 | * |
| QT-FIT8 3/4X18 | | 4 | * | |
| HELVAR | EL1x18ngn | | 1 | |
| | EL2x18ngn | | 2 | |
| | EL 3/4x18ngn | | 3 | * |
| | EL 3/4x18ngn | | 4 | * |
| | EL1x18s | | 1 | |
| | EL 4x18ngn | | 4 | |
| EL2x18s | | 2 | | |
| TRIDONIC ATCO | PC 118 PRO Ip | 22185213 | 1 | |
| | PC 218 PRO Ip | 22185216 | 2 | |
| | PC 1X18-24W BASIC | 22176000 | 1 | * |
| | PC 1x18 T8 TOP sl | 22185222 | 1 | |
| | PC 3/4X18 TOP Ip | 22185219 / 22185228 | 3 | |
| | PC 3/4X18 TOP Ip | 22185219 / 22185228 | 4 | * |
| | PC 1/14-35/24/39 T5 PRO-M Ip | 22176182 | 1 | |
| | PC 2/14-35/24/39 T5 PRO-M Ip | 22176185 | 2 | |
| | PC 1x18 T8 TEC | 87500113 | 1 | |

CorePro LEDtube Universal T8 - 600 mm

Ballast Compatibility



KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | Ballast is compatible and conditional released for dimming |
| | Ballast is not compatible |

This document is for information purposes and must be treated as recommendation. Signify 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 136.200 | 188314 | 1 |
| | ELXc 236.208 | | 2 |
| | ELXc 424.379 | 188116 | 3 |
| | ELXc 424.379 | 188116 | 4 |
| | ELXc 418.204 | 188318 | 3 |
| | ELXc 418.204 | 188318 | 4 |
| | ELXc 136.207 | | 1 |
| | ELXc 118.520 | 188020 | 1 |
| BAG-HUECO | BCS18.1FX-11/220-240 | 10077588 | 1 |
| | BCS18.2FX-11/220-240 | 10077589 | 2 |
| | BCS18.3-4LR-01/220-240 3lamp | 10050999 | 3 |
| | BCS18.3-4LR-01/220-240 4lamp | 10050999 | 4 |
| Others | Direct mains | | |
| | Electro Magnetic Ballast | | |

| |
|---|
| CorePro LEDtube UN 600mm HO 8W8xx T8 |
| Model number / (Short) EOC code: 9290024198B / 871869978277100 9290024199B / 871869978279500 9290024200B / 871869978281800 |
| AC (50Hz) on HF Ballast Compatible |
| * |
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General notes Philips CorePro LEDtube Universal

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 LEDtube InstantFit range is designed to work on HF ballasts only. For EM ballasts or direct mains connection, please contact a Signify sales representative for more information on our EM/Mains compatible range. This document is for information purposes only and must be treated as recommendation. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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 Signify 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.

CorePro LEDtube Universal T8 - 1200 mm



Ballast Compatibility

KEY

| | |
|-----|--|
| | Ballast is compatible |
| * | Ballast is compatible, light output may differ >10% compared to specifications |
| ** | Ballast is compatible, light output may differ >20% compared to specifications |
| Dim | 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. Signify 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 | CorePro LEDtube UN 1200mm HO 18W8xx T8 | CorePro LEDtube UN 1200mm UO 15.5W8xx T8 |
|-----------------------|-------------------------------------|-----------------|------------------|---|--|
| | | | | Model number / (Short) EOC code: 9290018692C / 871869680166600 9290018693C / 871869680168000 9290018694C / 871869680170300 AC (50Hz) on HF Ballast Compatible | Model number / (Short) EOC code: 9290036481 / 872016919996500 9290036482 / 872016919998900 9290036483 / 872016920000500 AC (50Hz) on HF Ballast Compatible |
| PHILIPS | EB-C 136 TL-D 220-240 | 9137131992 | 1 | | |
| | EB-S 236 TL-D 220-230 | 9137130216 | 2 | | |
| | HF-B 136 TLD 220-240 | 9137001122 | 1 | | ** |
| | HF-B 136 TLD EII 220-240 | 9137001926 | 1 | | ** |
| | HF-B 236 TL-D 220-240 | 9137001124 | 2 | | ** |
| | HF-B 236 TLD EII 220-240 | 9137001928 | 2 | | * |
| | HF-E 136 TL-D II | 9137130410 | 1 | | |
| | HF-E 236 TL-D | 9137130391 | 2 | | |
| | HF-E 236 TL-D II | 9137130411 | 2 | | |
| | HF-K 136 TLD 220-240 | 9137001477 | 1 | | * |
| | HF-P 136 TL-D III IDC | 9137130315 | 1 | | * |
| | HF-P 236 TL-D III IDC | 9137130316 | 2 | | * |
| | HF-P 336 TL-D III IDC | 9137130317 | 3 | * | |
| | HF-P Xt 136 TLD EII 220-240 | 9137006177 | 1 | | ** |
| | HF-P XT 236 TLD EII 220-240 | 9137006178 | 2 | * | |
| | HF-P 136 TLD EII 220-240 | 9137001911 | 1 | | * |
| | HF-P 236 TLD 230-240 | 9137001112 | 2 | | ** |
| | HF-Pi 1 14/21/24/39 TL5 EII 220-240 | 9137006240 | 1 | * | |
| | HF-R 136 TL-D EII | 9137006092 | 1 | | |
| | HF-R 236 TL-D EII | 9137006093 | 2 | | |
| | HF-R 136 TL-D 220-240V 50/60Hz | 9137001117 | 1 | | |
| | HF-Ri TD 1 14/21/24/39TL5 E+ | 9137006983 | 1 | | |
| | HF-S 136 TL-D II | 9137130321 | 1 | | ** |
| | HF-S 236 TL-D II | 9137130324 | 2 | | |
| | HF-S 336 TL-D II | 9137130327 | 3 | * | |
| | HF-P 118/136 TL-D III | 9137130315 | 1 | | |
| | HF-S 118/136 TL-D II | 9137130321 | 1 | | ** |
| | HF-P 136 TLD 220-240 | 9137001727 | 1 | | * |
| | HF-P 138 TLD 220-240 | 9137001220 | 1 | | |
| | HF-P 218/236 TL-D III | 9137130316 | 2 | | * |
| | HF-S 218/236 TL-D II | 9137130324 | 2 | | * |
| | EL-B 236 TLD 220-240 | 444100085821 | 2 | | |
| HF-P 236 TLD 220-240 | 9137001187 | 2 | | | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 2 | | * | |
| EB-Ci 1-2 36w/1-4 18W | 9137130431 | 1 | | * | |
| 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 | * | |
| | QTP-DL 1x36-40 | | 1 | | ** |
| | QT-FIT 5/8 1x18-39 | | 1 | | * |
| | QTP-DL 2x36-40 | | 2 | | |
| HELVAR | EL1x36/40/18S | | 1 | | * |
| | EL1x36HF | | 1 | | |
| | EL1x36ngn | | 1 | * | ** |
| | EL2x36/40s | | 2 | * | |
| | EL2x36ngn | | 2 | | |
| | EL 1X36sc | | 1 | | |
| EL 2X36sc | | 2 | | | |

CorePro LEDtube Universal T8 - 1200 mm



Ballast Compatibility

KEY

| | |
|---|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% 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. Signify attempted to provide best results, results are generated in lab controlled environment and may differ from actual application conditions



| | | | CorePro LEDtube UN 1200mm HO 18W8xx T8 | CorePro LEDtube UN 1200mm UO 15.5W8xx T8 | |
|----------------------|--|------------------|---|--|----|
| | | | Model number / (Short) EOC code: 9290018692C / 871869680166600 9290018693C / 871869680168000 9290018694C / 871869680170300 | Model number / (Short) EOC code: 9290036481 / 872016919996500 9290036482 / 872016919998900 9290036483 / 872016920000500 | |
| | | | AC (50Hz) on HF Ballast Compatible | AC (50Hz) on HF Ballast Compatible | |
| Ballast type | 10nc / Ref. no. | Lamps on ballast | | | |
| 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 | ** | ** |
| | PC 1/36 TCL PRO | 87500507 | 1 | ** | ** |
| | PC 2/36 TCL PRO | 87500518 | 2 | ** | ** |
| | VOSSLÖH-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 | | |
| ELXd 136.852 | | | 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 | | |
| ta | BTL8 136 | | 1 | | |
| Others | EM ballast | | 1 | | |
| | Direct Mains (only one single side supply) | | 1 | | |

General notes Philips CorePro LEDtube Universal

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 Universal 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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Philips CorePro LEDtubes Universal HO 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.

CorePro LEDtube Universal T8 - 1500 mm

Ballast Compatibility



KEY

| | |
|--|---|
| | Ballast is compatible |
| | * Ballast is compatible, light output may differ >10% compared to specifications |
| | ** Ballast is compatible, light output may differ >20% compared to specifications |
| | Dim 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. Significantly 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 | CorePro LEDtube UN 1500mm HO 23W8xx T8 | CorePro LEDtube UN 1500mm UO 23W8xx T8 | |
|---------|----------------------------------|-------------------------------|------------------|---|--|--|
| PHILIPS | EI 158 TL-D 220-240 | 9137 006 075 | 1 | Model number / (Short) EOC code: 9290018695C / 871869680172700 | Model number / (Short) EOC code: 9290036484 / 872016920002900 | |
| | HF-B 158 TLD 220-240 | 9137 001 123 | 1 | 9290018696C / 871869680174100 | 9290036485 / 872016920004300 | |
| | HF-B 158 TLD EII 220-240 | 9137 001 927 | 1 | 9290018697C / 871869680176500 | 9290036486 / 872016920006700 | |
| | HF-B 258 TLD 220-240 | 9137 001 125 | 2 | AC (50Hz) on HF Ballast Compatible | AC (50Hz) on HF Ballast Compatible | |
| | 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 230-240 | 9137 001 110 | 2 | | | |
| | 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+ | 9137006956 | 1 | | | |
| | HF-P 158 TLD 230-240 | 9137001111 | 1 | | | |
| | HF-RiTD 2 28/35/49/54TL5 E+ | 9137006958 | 2 | | | |
| | HF-S 158 | | 1 | * | * | |
| | HF-S 158 TL-D II | 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 | | | |
| | HF-P 258 TLD 220-240 | 9137001206 | 2 | | | |
| | HF-S 258 TLD 220-240 | 9137006452 | 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 | | | |

CorePro LEDtube Universal T8 - 1500 mm



Ballast Compatibility

KEY

| | |
|--|--|
| | Ballast is compatible |
| | Ballast is compatible, light output may differ >10% compared to specifications |
| | Ballast is compatible, light output may differ >20% 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. Signify 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 | CorePro LEDtube UN 1500mm HO 23W8xx T8 | CorePro LEDtube UN 1500mm UO 23W8xx T8 |
|----------------------|--|-----------------|------------------|--|---|
| TRIDONIC ATCO | PC 1/58 T8 INDUSTRY | 86 458 037 | 1 | Model number / (Short) EOC code: 9290018695C / 871869680172700 9290018696C / 871869680174100 9290018697C / 871869680176500 AC (50Hz) on HF Ballast Compatible | Model number / (Short) EOC code: 9290036484 / 872016920002900 9290036485 / 872016920004300 9290036486 / 872016920006700 AC (50Hz) on HF Ballast Compatible |
| | 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 | 22185224 | 1 | | |
| | PC 2x58 T8 TOP sl | 22185227 | 2 | | |
| | PCA 1/58 excel one4all | 22 085 286 | 1 | | |
| | PCA 2x58 EXCEL One4all Ip | 28 000 040 | 2 | | |
| | PCA 1x58 T8 EXCEL One4all Ip | 28000036 | 1 | | |
| | PCA 1x58 T8 BASIC Ip | 28000043 | 1 | | |
| | PCA 1x58 T8 Eco Ip | 28000037 | 1 | | |
| | PCA 2x58 T8 ECO Ip | 28000041 | 2 | | |
| | PC 1x58 T8 TEC | 87500150 | 1 | | |
| PC 1/58 T8 PRO | 22176007 | 1 | | | |
| PC 2x58 T8 TEC | 87500151 | 2 | | | |
| VOSSLOH-SCHWABE | 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 | | |
| BAG-HUECO | BCD58.1F-01/220-240/1-10V | 1009 7145 | 1 | | |
| | BCS58.1FX-11/220-240 | 1007 7592 | 1 | | |
| | BCS58.2FX-11/220-240 | 1007 7593 | 2 | | |
| | BCS58.2SX-01/220-240 | 1005 1003 | 2 | | |
| | BCS58.1SR-01/220-240 | 10051002 | 1 | | |
| | D 58.1-23021 E | 166 072 | 1 | | |
| | D 58.2-23021 E | 166 082 | 2 | | |
| | SCS58.2SR-11/220-240 | 166 272 | 2 | | |
| | SCS58.1S-01/230-240 | 166352 | 1 | | |
| ECS58.2SR-01/220-240 | 167172 | 2 | | | |
| Trilux | D58.1-23021E | 98432 | 1 | | |
| | DD58.1-23031E | 98625 | 1 | | |
| | D58.2-23021E | | 2 | | |
| May + Chirale | MCU 158 | | 1 | | |
| | MCU 258 | | 2 | | |
| LUDWIG | ELXe 158.250 | 172762 | 1 | | |
| Others | Direct Mains (only one single side supply) | | | | |
| | Electro Magnetic Ballast | | | | |

General notes Philips CorePro LEDtube Universal

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 Universal 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. Signify will not accept claims for any damage caused by not implementing the recommendations in this document. Signify 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 Signify 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: Philips CorePro LEDtubes Universal HO 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.



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