



# Pour des performances et une durabilité optimales

## Tube LED MASTER LEDtube InstantFit HF T5

Philips MASTER LEDtube intègre une source lumineuse LED dans un facteur de forme fluorescent traditionnel. Son design unique crée un aspect visuel parfaitement uniforme, qui ne se distingue pas des fluorescents traditionnels. Ces tubes d'éclairage T5 constituent le choix idéal pour obtenir des performances absolues et sont conçus pour résister aux conditions quotidiennes. Avec des économies inégalées grâce à une faible consommation d'énergie et une durée de vie exceptionnellement longue, ces tubes LED T5 constituent le choix idéal pour toutes les applications exigeantes.

### Avantages

- Performances absolues offrant une solution pour chaque application
- Économies inégalées avec une faible consommation d'énergie et une longue durée de vie
- Robuste et fiable : résiste aux conditions quotidiennes

### Fonctions

- Rénovation des lampes T5 existantes avec ballast HF
- Compatible avec une large gamme de ballasts
- > 50 % d'économies d'énergie par rapport aux tubes fluorescents jusqu'à 155 lm/W
- Durée de vie extra-longue jusqu'à 60 000 heures
- Flux ultra jusqu'à 5 600 lm
- Sans mercure

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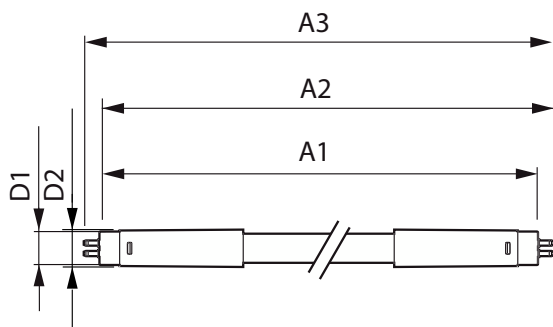
### Application

- Commerces
- Installations industrielles et entrepôts
- Écoles

Tube LED MASTER LEDtube InstantFit HF T5

Schéma dimensionnel

## Tube LED MASTER LEDtube InstantFit HF T5



| Product                                | D1      | D2       | A1       | A2         | A3         |
|----------------------------------------|---------|----------|----------|------------|------------|
| MAS LEDtube HF 1200mm HE 16.5W 830 T5  | 15,5 mm | 18,8 mm  | 1.149 mm | 1.156,1 mm | 1.163,2 mm |
| MAS LEDtube HF 1200mm HE 16.5W 840 T5  | 15,5 mm | 18,8 mm  | 1.149 mm | 1.156,1 mm | 1.163,2 mm |
| MAS LEDtube HF 1200mm HE 16.5W 865 T5  | 15,5 mm | 18,8 mm  | 1.149 mm | 1.156,1 mm | 1.163,2 mm |
| MAS LEDtube HF 1200mm HO 26W 830 T5 OE | 15,5 mm | 19 mm    | 1.149 mm | 1.156 mm   | 1.163 mm   |
| MAS LEDtube HF 1200mm HO 26W 840 T5 OE | 15,5 mm | 19 mm    | 1.149 mm | 1.156 mm   | 1.163 mm   |
| MAS LEDtube HF 1200mm HO 26W 865 T5 OE | 15,5 mm | 19 mm    | 1.149 mm | 1.156 mm   | 1.163 mm   |
| MAS LEDtube HF 1500mm HE 20W 830 T5    | 15,5 mm | 18,8 mm  | 1.449 mm | 1.456,1 mm | 1.463,2 mm |
| MAS LEDtube HF 1500mm HE 20W 840 T5    | 15,5 mm | 18,8 mm  | 1.449 mm | 1.456,1 mm | 1.463,2 mm |
| MAS LEDtube HF 1500mm HE 20W 865 T5    | 15,5 mm | 18,8 mm  | 1.449 mm | 1.456,1 mm | 1.463,2 mm |
| MAS LEDtube HF 1500mm HO 26W 830 T5 OE | 15,5 mm | 19 mm    | 1.449 mm | 1.456 mm   | 1.463 mm   |
| MAS LEDtube HF 1500mm HO 26W 840 T5 OE | 15,5 mm | 19 mm    | 1.449 mm | 1.456 mm   | 1.463 mm   |
| MAS LEDtube HF 1500mm HO 26W 865 T5 OE | 15,5 mm | 19 mm    | 1.449 mm | 1.456 mm   | 1.463 mm   |
| MAS LEDtube HF 1500mm UO 36W 830 T5    | 15,5 mm | 19 mm    | 1.449 mm | 1.456 mm   | 1.463 mm   |
| MAS LEDtube HF 1500mm UO 36W 840 T5    | 15,5 mm | 19 mm    | 1.449 mm | 1.456 mm   | 1.463 mm   |
| MAS LEDtube HF 1500mm UO 36W 865 T5    | 15,5 mm | 19 mm    | 1.449 mm | 1.456 mm   | 1.463 mm   |
| MAS LEDtube HF 600mm HE 8W 830 T5      | 15,5 mm | 18,8 mm  | 549 mm   | 556,1 mm   | 563,2 mm   |
| MAS LEDtube HF 600mm HE 8W 840 T5      | 15,5 mm | 18,8 mm  | 549 mm   | 556,1 mm   | 563,2 mm   |
| MAS LEDtube HF 600mm HE 8W 865 T5      | 15,5 mm | 18,8 mm  | 549 mm   | 556,1 mm   | 563,2 mm   |
| MAS LEDtube HF 600mm HO 10.5W 830 T5   | 15,5 mm | 16/19 mm | 549 mm   | 556 mm     | 563 mm     |
| MAS LEDtube HF 600mm HO 10.5W 840 T5   | 15,5 mm | 16/19 mm | 549 mm   | 556 mm     | 563 mm     |
| MAS LEDtube HF 600mm HO 10.5W 865 T5   | 15,5 mm | 16/19 mm | 549 mm   | 556 mm     | 563 mm     |
| MAS LEDtube HF 900mm HE 11.5W 830 T5   | 15,5 mm | 16/19 mm | 849 mm   | 856 mm     | 863 mm     |
| MAS LEDtube HF 900mm HE 11.5W 840 T5   | 15,5 mm | 16/19 mm | 849 mm   | 856 mm     | 863 mm     |
| MAS LEDtube HF 900mm HE 11.5W 865 T5   | 15,5 mm | 16/19 mm | 849 mm   | 856 mm     | 863 mm     |
| MAS LEDtube HF 900mm HO 18.5W 830 T5   | 15,5 mm | 16/19 mm | 849 mm   | 856 mm     | 863 mm     |
| MAS LEDtube HF 900mm HO 18.5W 840 T5   | 15,5 mm | 16/19 mm | 849 mm   | 856 mm     | 863 mm     |

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Schéma dimensionnel

| Product                                 | D1      | D2       | A1     | A2     | A3     |
|-----------------------------------------|---------|----------|--------|--------|--------|
| MAS LEDtube HF 900mm HO<br>18.5W 865 T5 | 15,5 mm | 16/19 mm | 849 mm | 856 mm | 863 mm |

| Informations générales                           |                                            |
|--------------------------------------------------|--------------------------------------------|
| Culot                                            | G5                                         |
| Nombre de cycles d'allumage                      | 50.000                                     |
| Durée de vie nominale                            | 60.000 h                                   |
| Données techniques de l'éclairage                |                                            |
| Angle du faisceau (nom.)                         | 200 degré(s)                               |
| Indice de rendu de couleur (IRC)                 | 80                                         |
| LLMF à la fin de la durée de vie nominale (nom.) | 70 %                                       |
| Fonctionnement et électricité                    |                                            |
| Heure de démarrage (nom.)                        | 0,5 s                                      |
| Température                                      |                                            |
| Gamme de températures ambiantes                  | -20 °C à 45 °C                             |
| Commandes et gradation                           |                                            |
| Variation de l'intensité lumineuse               | Oui – Vérifier la compatibilité du ballast |
| Mécanique et boîtier                             |                                            |
| Finition ampoule                                 | Dépoli                                     |
| Forme de la lampe                                | T5                                         |

Données techniques de l'éclairage

|               |                                        | Température de couleur corrélée (nom.) | Code couleur | Flux lumineux |
|---------------|----------------------------------------|----------------------------------------|--------------|---------------|
| Order Code    | Full Product Name                      |                                        |              |               |
| 8718699749514 | MAS LEDtube HF 1200mm HO 26W 830 T5 OE | 3000 K                                 | 830          | 3.700 lm      |
| 8718699749538 | MAS LEDtube HF 1200mm HO 26W 840 T5 OE | 4000 K                                 | 840          | 3.900 lm      |
| 8718699749552 | MAS LEDtube HF 1200mm HO 26W 865 T5 OE | 6500 K                                 | 865          | 3.900 lm      |
| 8718699749576 | MAS LEDtube HF 1500mm HO 26W 830 T5 OE | 3000 K                                 | 830          | 3.700 lm      |
| 8718699749590 | MAS LEDtube HF 1500mm HO 26W 840 T5 OE | 4000 K                                 | 840          | 3.900 lm      |
| 8718699749613 | MAS LEDtube HF 1500mm HO 26W 865 T5 OE | 6500 K                                 | 865          | 3.900 lm      |
| 8719514419056 | MAS LEDtube HF 1500mm UO 36W 830 T5    | 3000 K                                 | 830          | 5.200 lm      |
| 8719514419070 | MAS LEDtube HF 1500mm UO 36W 840 T5    | 4000 K                                 | 840          | 5.600 lm      |
| 8719514419094 | MAS LEDtube HF 1500mm UO 36W 865 T5    | 6500 K                                 | 865          | 5.600 lm      |
| 8718696743232 | MAS LEDtube HF 600mm HE 8W 830 T5      | 3000 K                                 | 830          | 1.000 lm      |
| 8718696743256 | MAS LEDtube HF 600mm HE 8W 840 T5      | 4000 K                                 | 840          | 1.050 lm      |
| 8718696743270 | MAS LEDtube HF 600mm HE 8W 865 T5      | 6500 K                                 | 865          | 1.050 lm      |
| 8718696743294 | MAS LEDtube HF 1200mm HE 16.5W 830 T5  | 3000 K                                 | 830          | 2.300 lm      |
| 8718696743317 | MAS LEDtube HF 1200mm HE 16.5W 840 T5  | 4000 K                                 | 840          | 2.500 lm      |
| 8718696743331 | MAS LEDtube HF 1200mm HE 16.5W 865 T5  | 6500 K                                 | 865          | 2.500 lm      |
| 8718696743355 | MAS LEDtube HF 1500mm HE 20W 830 T5    | 3000 K                                 | 830          | 2.800 lm      |
| 8718696743379 | MAS LEDtube HF 1500mm HE 20W 840 T5    | 4000 K                                 | 840          | 3.000 lm      |
| 8718696743393 | MAS LEDtube HF 1500mm HE 20W 865 T5    | 6500 K                                 | 865          | 3.000 lm      |
| 8720169163072 | MAS LEDtube HF 600mm HO 10.5W 830 T5   | 3000 K                                 | 830          | 1.500 lm      |
| 8720169163096 | MAS LEDtube HF 600mm HO 10.5W 840 T5   | 4000 K                                 | 840          | 1.600 lm      |
| 8720169163119 | MAS LEDtube HF 600mm HO 10.5W 865 T5   | 6500 K                                 | 865          | 1.600 lm      |
| 8720169163133 | MAS LEDtube HF 900mm HO 18.5W 830 T5   | 3000 K                                 | 830          | 2.600 lm      |

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| Order Code    | Full Product Name                    | Température de couleur corrélée (nom.) | Code couleur | Flux lumineux |
|---------------|--------------------------------------|----------------------------------------|--------------|---------------|
| 8720169163157 | MAS LEDtube HF 900mm HO 18.5W 840 T5 | 4000 K                                 | 840          | 2.800 lm      |
| 8720169163171 | MAS LEDtube HF 900mm HO 18.5W 865 T5 | 6500 K                                 | 865          | 2.800 lm      |
| 8720169163195 | MAS LEDtube HF 900mm HE 11.5W 830 T5 | 3000 K                                 | 830          | 1.600 lm      |
| 8720169163218 | MAS LEDtube HF 900mm HE 11.5W 840 T5 | 4000 K                                 | 840          | 1.700 lm      |
| 8720169163232 | MAS LEDtube HF 900mm HE 11.5W 865 T5 | 6500 K                                 | 865          | 1.700 lm      |

### Fonctionnement et électricité

| Order Code    | Full Product Name                      | Fréquence d'entrée | Fréquence linéaire | Consommation électrique |
|---------------|----------------------------------------|--------------------|--------------------|-------------------------|
| 8718699749514 | MAS LEDtube HF 1200mm HO 26W 830 T5 OE | 30 K à 60 K Hz     | 30K to 60K Hz      | 26 W                    |
| 8718699749538 | MAS LEDtube HF 1200mm HO 26W 840 T5 OE | 30 K à 60 K Hz     | 30K to 60K Hz      | 26 W                    |
| 8718699749552 | MAS LEDtube HF 1200mm HO 26W 865 T5 OE | 30 K à 60 K Hz     | 30K to 60K Hz      | 26 W                    |
| 8718699749576 | MAS LEDtube HF 1500mm HO 26W 830 T5 OE | 20 K à 140 K Hz    | 20K to 140K Hz     | 26 W                    |
| 8718699749590 | MAS LEDtube HF 1500mm HO 26W 840 T5 OE | 20 K à 140 K Hz    | 20K to 140K Hz     | 26 W                    |
| 8718699749613 | MAS LEDtube HF 1500mm HO 26W 865 T5 OE | 20 K à 140 K Hz    | 20K to 140K Hz     | 26 W                    |
| 8719514419056 | MAS LEDtube HF 1500mm UO 36W 830 T5    | 30K à 100K Hz      | 30K to 100K Hz     | 36 W                    |
| 8719514419070 | MAS LEDtube HF 1500mm UO 36W 840 T5    | 30K à 100K Hz      | 30K to 100K Hz     | 36 W                    |
| 8719514419094 | MAS LEDtube HF 1500mm UO 36W 865 T5    | 30K à 100K Hz      | 30K to 100K Hz     | 36 W                    |
| 8718696743232 | MAS LEDtube HF 600mm HE 8W 830 T5      | 30K à 100K Hz      | 30K to 100K Hz     | 8 W                     |
| 8718696743256 | MAS LEDtube HF 600mm HE 8W 840 T5      | 30K à 100K Hz      | 30K to 100K Hz     | 8 W                     |
| 8718696743270 | MAS LEDtube HF 600mm HE 8W 865 T5      | 30K à 100K Hz      | 30K to 100K Hz     | 8 W                     |
| 8718696743294 | MAS LEDtube HF 1200mm HE 16.5W 830 T5  | 30K à 100K Hz      | 30K to 100K Hz     | 16,5 W                  |
| 8718696743317 | MAS LEDtube HF 1200mm HE 16.5W 840 T5  | 30K à 100K Hz      | 30K to 100K Hz     | 16,5 W                  |
| 8718696743331 | MAS LEDtube HF 1200mm HE 16.5W 865 T5  | 30K à 100K Hz      | 30K to 100K Hz     | 16,5 W                  |
| 8718696743355 | MAS LEDtube HF 1500mm HE 20W 830 T5    | 30K à 100K Hz      | 30K to 100K Hz     | 20 W                    |
| 8718696743379 | MAS LEDtube HF 1500mm HE 20W 840 T5    | 30K à 100K Hz      | 30K to 100K Hz     | 20 W                    |
| 8718696743393 | MAS LEDtube HF 1500mm HE 20W 865 T5    | 30K à 100K Hz      | 30K to 100K Hz     | 20 W                    |
| 8720169163072 | MAS LEDtube HF 600mm HO 10.5W 830 T5   | 10K à 120K Hz      | 10K to 120K Hz     | 10,5 W                  |
| 8720169163096 | MAS LEDtube HF 600mm HO 10.5W 840 T5   | 10K à 120K Hz      | 10K to 120K Hz     | 10,5 W                  |
| 8720169163119 | MAS LEDtube HF 600mm HO 10.5W 865 T5   | 10K à 120K Hz      | 10K to 120K Hz     | 10,5 W                  |
| 8720169163133 | MAS LEDtube HF 900mm HO 18.5W 830 T5   | 30K à 100K Hz      | 30K to 100K Hz     | 18,5 W                  |

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| Order Code    | Full Product Name                    | Fréquence d'entrée | Fréquence linéaire | Consommation électrique |
|---------------|--------------------------------------|--------------------|--------------------|-------------------------|
| 8720169163157 | MAS LEDtube HF 900mm HO 18.5W 840 T5 | 30K à 100K Hz      | 30K to 100K Hz     | 18,5 W                  |
| 8720169163171 | MAS LEDtube HF 900mm HO 18.5W 865 T5 | 30K à 100K Hz      | 30K to 100K Hz     | 18,5 W                  |
| 8720169163195 | MAS LEDtube HF 900mm HE 11.5W 830 T5 | 30K à 100K Hz      | 30K to 100K Hz     | 11,5 W                  |

Température

| Order Code    | Full Product Name                      | Température maximale du produit (nom.) |
|---------------|----------------------------------------|----------------------------------------|
| 8718699749514 | MAS LEDtube HF 1200mm HO 26W 830 T5 OE | 55 °C                                  |
| 8718699749538 | MAS LEDtube HF 1200mm HO 26W 840 T5 OE | 55 °C                                  |
| 8718699749552 | MAS LEDtube HF 1200mm HO 26W 865 T5 OE | 55 °C                                  |
| 8718699749576 | MAS LEDtube HF 1500mm HO 26W 830 T5 OE | 50 °C                                  |
| 8718699749590 | MAS LEDtube HF 1500mm HO 26W 840 T5 OE | 50 °C                                  |
| 8718699749613 | MAS LEDtube HF 1500mm HO 26W 865 T5 OE | 50 °C                                  |
| 8719514419056 | MAS LEDtube HF 1500mm UO 36W 830 T5    | 75 °C                                  |
| 8719514419070 | MAS LEDtube HF 1500mm UO 36W 840 T5    | 75 °C                                  |
| 8719514419094 | MAS LEDtube HF 1500mm UO 36W 865 T5    | 75 °C                                  |
| 8718696743232 | MAS LEDtube HF 600mm HE 8W 830 T5      | 65 °C                                  |
| 8718696743256 | MAS LEDtube HF 600mm HE 8W 840 T5      | 65 °C                                  |

Approbation et application

| Order Code    | Full Product Name                      | Consommation d'énergie kWh/1 000 h |
|---------------|----------------------------------------|------------------------------------|
| 8718699749514 | MAS LEDtube HF 1200mm HO 26W 830 T5 OE | 26 kWh                             |
| 8718699749538 | MAS LEDtube HF 1200mm HO 26W 840 T5 OE | 26 kWh                             |
| 8718699749552 | MAS LEDtube HF 1200mm HO 26W 865 T5 OE | 26 kWh                             |
| 8718699749576 | MAS LEDtube HF 1500mm HO 26W 830 T5 OE | 26 kWh                             |
| 8718699749590 | MAS LEDtube HF 1500mm HO 26W 840 T5 OE | 26 kWh                             |
| 8718699749613 | MAS LEDtube HF 1500mm HO 26W 865 T5 OE | 26 kWh                             |
| 8719514419056 | MAS LEDtube HF 1500mm UO 36W 830 T5    | 36 kWh                             |

| Order Code    | Full Product Name                    | Fréquence d'entrée | Fréquence linéaire | Consommation électrique |
|---------------|--------------------------------------|--------------------|--------------------|-------------------------|
| 8720169163218 | MAS LEDtube HF 900mm HE 11.5W 840 T5 | 30K à 100K Hz      | 30K to 100K Hz     | 11,5 W                  |
| 8720169163232 | MAS LEDtube HF 900mm HE 11.5W 865 T5 | 30K à 100K Hz      | 30K to 100K Hz     | 11,5 W                  |

| Order Code    | Full Product Name                     | Température maximale du produit (nom.) |
|---------------|---------------------------------------|----------------------------------------|
| 8718696743270 | MAS LEDtube HF 600mm HE 8W 865 T5     | 65 °C                                  |
| 8718696743294 | MAS LEDtube HF 1200mm HE 16.5W 830 T5 | 65 °C                                  |
| 8718696743317 | MAS LEDtube HF 1200mm HE 16.5W 840 T5 | 65 °C                                  |
| 8718696743331 | MAS LEDtube HF 1200mm HE 16.5W 865 T5 | 65 °C                                  |
| 8718696743355 | MAS LEDtube HF 1500mm HE 20W 830 T5   | 65 °C                                  |
| 8718696743379 | MAS LEDtube HF 1500mm HE 20W 840 T5   | 65 °C                                  |
| 8718696743393 | MAS LEDtube HF 1500mm HE 20W 865 T5   | 65 °C                                  |
| 8720169163072 | MAS LEDtube HF 600mm HO 10.5W 830 T5  | 55 °C                                  |
| 8720169163096 | MAS LEDtube HF 600mm HO 10.5W 840 T5  | 55 °C                                  |
| 8720169163119 | MAS LEDtube HF 600mm HO 10.5W 865 T5  | 55 °C                                  |
| 8720169163133 | MAS LEDtube HF 900mm HO 18.5W 830 T5  | 60 °C                                  |
| 8720169163157 | MAS LEDtube HF 900mm HO 18.5W 840 T5  | 60 °C                                  |
| 8720169163171 | MAS LEDtube HF 900mm HO 18.5W 865 T5  | 60 °C                                  |
| 8720169163195 | MAS LEDtube HF 900mm HE 11.5W 830 T5  | 55 °C                                  |
| 8720169163218 | MAS LEDtube HF 900mm HE 11.5W 840 T5  | 55 °C                                  |
| 8720169163232 | MAS LEDtube HF 900mm HE 11.5W 865 T5  | 55 °C                                  |

| Order Code    | Full Product Name                     | Consommation d'énergie kWh/1 000 h |
|---------------|---------------------------------------|------------------------------------|
| 8719514419070 | MAS LEDtube HF 1500mm UO 36W 840 T5   | 36 kWh                             |
| 8719514419094 | MAS LEDtube HF 1500mm UO 36W 865 T5   | 36 kWh                             |
| 8718696743232 | MAS LEDtube HF 600mm HE 8W 830 T5     | 8 kWh                              |
| 8718696743256 | MAS LEDtube HF 600mm HE 8W 840 T5     | 8 kWh                              |
| 8718696743270 | MAS LEDtube HF 600mm HE 8W 865 T5     | 8 kWh                              |
| 8718696743294 | MAS LEDtube HF 1200mm HE 16.5W 830 T5 | 17 kWh                             |
| 8718696743317 | MAS LEDtube HF 1200mm HE 16.5W 840 T5 | 17 kWh                             |
| 8718696743331 | MAS LEDtube HF 1200mm HE 16.5W 865 T5 | 17 kWh                             |
| 8718696743355 | MAS LEDtube HF 1500mm HE 20W 830 T5   | 20 kWh                             |
| 8718696743379 | MAS LEDtube HF 1500mm HE 20W 840 T5   | 20 kWh                             |
| 8718696743393 | MAS LEDtube HF 1500mm HE 20W 865 T5   | 20 kWh                             |
| 8720169163072 | MAS LEDtube HF 600mm HO 10.5W 830 T5  | 11 kWh                             |
| 8720169163096 | MAS LEDtube HF 600mm HO 10.5W 840 T5  | 11 kWh                             |

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| Order Code    | Full Product Name                    | Consommation<br>d'énergie kWh/1 000 h |
|---------------|--------------------------------------|---------------------------------------|
| 8720169163119 | MAS LEDtube HF 600mm HO 10.5W 865 T5 | 11 kWh                                |
| 8720169163133 | MAS LEDtube HF 900mm HO 18.5W 830 T5 | 19 kWh                                |
| 8720169163157 | MAS LEDtube HF 900mm HO 18.5W 840 T5 | 19 kWh                                |
| 8720169163171 | MAS LEDtube HF 900mm HO 18.5W 865 T5 | 19 kWh                                |
| 8720169163195 | MAS LEDtube HF 900mm HE 11.5W 830 T5 | 12 kWh                                |
| 8720169163218 | MAS LEDtube HF 900mm HE 11.5W 840 T5 | 12 kWh                                |
| 8720169163232 | MAS LEDtube HF 900mm HE 11.5W 865 T5 | 12 kWh                                |

