



# MASTER LED-buis InstantFit HF T5



## MAS LEDtube HF 900mm HO 18.5W 865 T5

MASTER, LEDtube, T5, HF, 900 mm, 18.5 W, 39W TL5 HO, 6500 K, 2800 lm, CRI 80, 60000 hr

MASTER, LEDtube, T5, HF, 900 mm, 18.5 W, LED alternative to 39W TL5 HO, 6500 K, 2800 lm, CRI 80, 60000 hr, 151 lm/W, EEL D, G5, Glas, 900 mm, RGO, SDCM 6, PF 0.9, IP20

### Product gegevens

| Algemene informatie                       |                    |
|-------------------------------------------|--------------------|
| Lampvoet                                  | G5                 |
| Nominale levensduur                       | 60.000 hr          |
| Schakelcyclus                             | 50.000             |
| Lamptype                                  | LEDtube            |
| Meetreferentie van lichtstroom            | Sphere             |
| Garantieperiode                           | 5 jaar             |
| Gegevens lichttechniek                    |                    |
| Kleurcode                                 | 865 [CCT of 6500K] |
| Bundelhoek (nom.)                         | 200 graden         |
| Lichtstroom                               | 2.800 lm           |
| Kleuraanduiding                           | Koel daglicht      |
| Gecorreleerde kleurtemperatuur (nom.)     | 6500 K             |
| Lichtrendement (gespec.) (nom.)           | 151 lm/W           |
| Kleurconsistentie                         | <6                 |
| Kleurweergave-index (CRI)                 | 80                 |
| LLMF bij einde nominale levensduur (nom.) | 70 %               |

| Photobiological safety according to EN 62471                                           | RGO               |
|----------------------------------------------------------------------------------------|-------------------|
| Bedrijfs- en elektrische gegevens                                                      |                   |
| Ingangsfrequentie                                                                      | 30K to 100K Hz    |
| Ingangsfrequentie                                                                      | 30 K tot 100 K Hz |
| Energieverbruik                                                                        | 18,5 W            |
| Lampstroom (max.)                                                                      | 350 mA            |
| Lampstroom (min.)                                                                      | 120 mA            |
| Opstarttijd (nom.)                                                                     | 0,5 s             |
| Opwarmtijd tot 60% licht                                                               | 0.5 s             |
| Arbeidsfactor                                                                          | 0.9               |
| Spanning (nom.)                                                                        | 60-100 V          |
| LED alternative to fluorescent lamp power                                              | 39W TL5 HO        |
| Aanloopstroom op netspanning                                                           | -                 |
| Max. lampnr. op MCB B type 10 A - netvoeding                                           | -                 |
| Max. lampnr. op MCB B type 10A – EM-voorschakelapparaat zonder compensatiecondensator. | -                 |

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|                                                                                        |    |
|----------------------------------------------------------------------------------------|----|
| Max. lampnr. op MCB B type 10A – EM-voorschakelapparaat met compensatiecondensator.    | -  |
| Max. lampnr. op MCB B type 16 A – netvoeding                                           | -  |
| Max. lampnr. op MCB B type 16A – EM-voorschakelapparaat zonder compensatiecondensator. | -  |
| Max. lampnr. op MCB B type 16 A – EM-voorschakelapparaat met compensatiecondensator.   | -  |
| Compatibiliteit met VSA                                                                | HF |

### Operationele temperatuur

|                             |       |
|-----------------------------|-------|
| T-behuizing maximaal (nom.) | 60 °C |
|-----------------------------|-------|

### Dimbaarheid en regelsystemen

|         |                                                |
|---------|------------------------------------------------|
| Dimbaar | Ja – Controleer de compatibiliteit van het VSA |
|---------|------------------------------------------------|

### Eigenschappen behuizing en afmetingen

|                         |          |
|-------------------------|----------|
| Lampafwerking           | Mat      |
| Lampmateriaal           | Glas     |
| Productlengte           | 900 mm   |
| Lampvorm                | T5       |
| Nettogewicht (per stuk) | 0,115 kg |

### Keurmerken en classificaties

|                           |   |
|---------------------------|---|
| Energie-efficiëntieklasse | D |
|---------------------------|---|

|                               |                                    |
|-------------------------------|------------------------------------|
| Energiebesparend product      | Ja                                 |
| Keurmerken                    | Conform RoHS KEMA Keur-certificaat |
| Energieverbruik kWh/1.000 uur | 19 kWh                             |
| EPREL-registratienummer       | 1407662                            |
| CE-markering                  | Ja                                 |
| Conform EU RoHS-richtlijn     | Ja                                 |
| Bereik omgevingstemperatuur   | -20 °C t/m 45 °C                   |

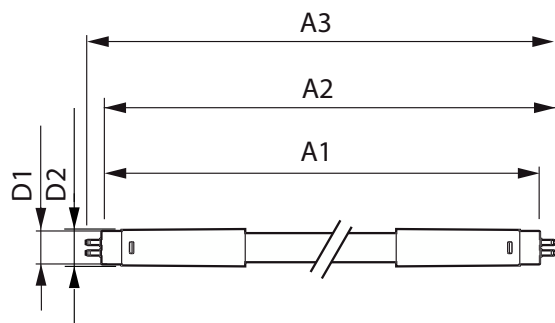
### Toepassingsomstandigheden

|                       |                     |
|-----------------------|---------------------|
| Draadloze technologie | Niet van toepassing |
|-----------------------|---------------------|

### Productgegevens

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Productnaam voor bestelling      | MAS LEDtube HF 900mm HO 18.5W 865 T5 |
| Volledige productnaam            | MAS LEDtube HF 900mm HO 18.5W 865 T5 |
| Full EOC                         | 872016916317100                      |
| Bestelcode                       | 8720169163171                        |
| Materiaalnr. (12NC)              | 929003596702                         |
| Lokale code                      | 8720169163171                        |
| Numerator – Aantal per pak       | 1                                    |
| EAN/UPC – product/behuizing      | 8720169163171                        |
| Numerator – Dozen per buitendoos | 10                                   |
| EAN/UPC – Case                   | 8720169163188                        |

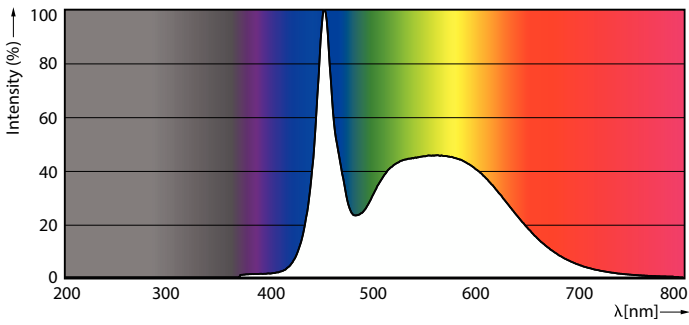
## Maatschets



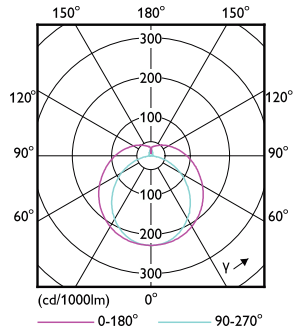
| Product                              | D1      | D2       | A1     | A2     | A3     |
|--------------------------------------|---------|----------|--------|--------|--------|
| MAS LEDtube HF 900mm HO 18.5W 865 T5 | 15,5 mm | 16/19 mm | 849 mm | 856 mm | 863 mm |

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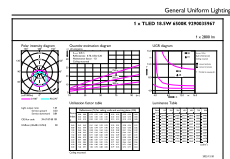
Fotometrische gegevens



Spectral Power Distribution Colour - MAS LEDtube HF 900mm HO 18.5W 865 T5



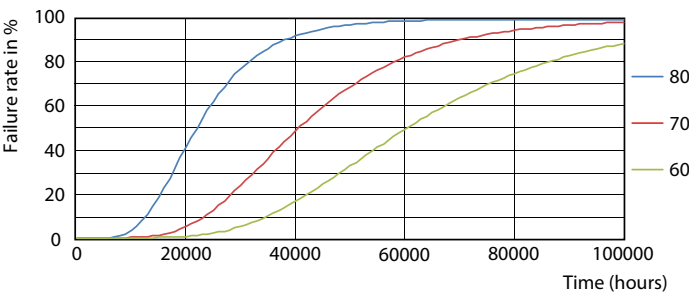
Light Distribution Diagram - MAS LEDtube HF 900mm HO 18.5W 865 T5



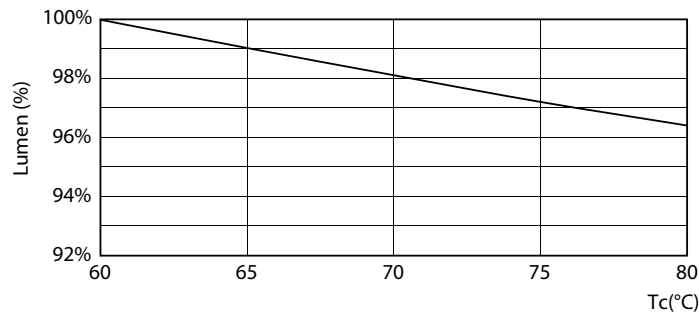
General Uniform Lighting

General uniform lighting - MAS LEDtube HF 900mm HO 18.5W 865 T5

Levensduur



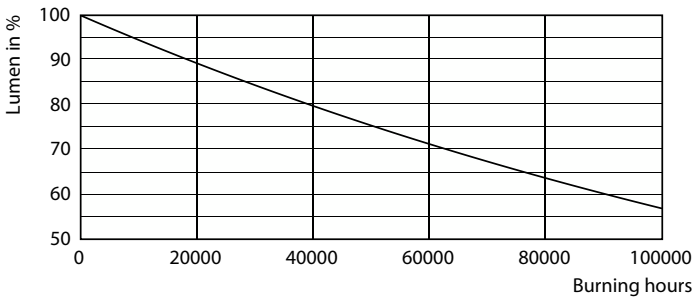
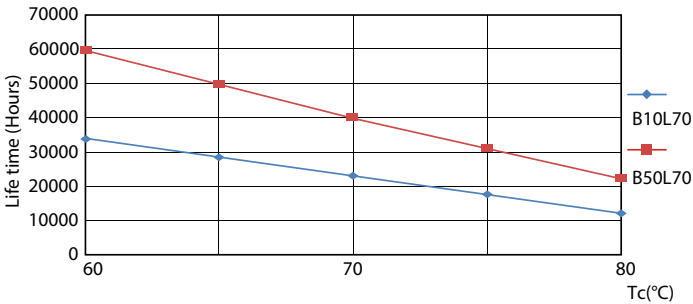
FailureRate



Lumen Maintenance Diagram - MAS LEDtube HF 900mm HO 18.5W 865 T5

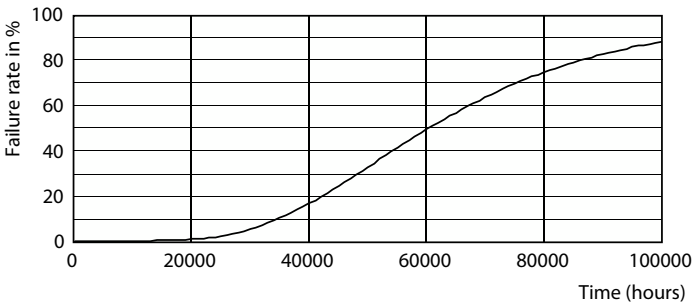
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Levensduur



LifetimeVsTc

Lumen Maintenance Diagram - MAS LEDtube HF 900mm HO 18.5W 865 T5



Life Expectancy Diagram

