



# MASTER LED-buis InstantFit HF T5



## MAS LEDtube HF 600mm HO 10.5W 840 T5

MASTER, LEDtube, T5, HF, 600 mm, 10.5 W, 24W TL5 HO, 4000 K, 1600 lm, CRI 80, 60000 hr

MASTER, LEDtube, T5, HF, 600 mm, 10.5 W, LED alternative to 24W TL5 HO, 4000 K, 1600 lm, CRI 80, 60000 hr, 152 lm/W, EEL D, G5, Glas, 600 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                                 | 840 [CCT of 4000K] |
| Bundelhoek (nom.)                         | 200 graden         |
| Lichtstroom                               | 1.600 lm           |
| Kleuraanduiding                           | Koel wit (CW)      |
| Gecorreleerde kleurtemperatuur (nom.)     | 4000 K             |
| Lichtrendement (gespec.) (nom.)           | 152 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                                                                      | 10K to 120K Hz    |
| Ingangsfrequentie                                                                      | 10 K tot 120 K Hz |
| Energieverbruik                                                                        | 10,5 W            |
| Lampstroom (max.)                                                                      | 350 mA            |
| Lampstroom (min.)                                                                      | 80 mA             |
| Opstarttijd (nom.)                                                                     | 0,5 s             |
| Opwarmtijd tot 60% licht                                                               | 0.5 s             |
| Arbeidsfactor                                                                          | 0.9               |
| Spanning (nom.)                                                                        | 30-120 V          |
| LED alternative to fluorescent lamp power                                              | 24W 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. | -                 |

## MASTER LED-buis InstantFit HF T5

|                                                                                        |    |
|----------------------------------------------------------------------------------------|----|
| 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.) | 55 °C |
|-----------------------------|-------|

### Dimbaarheid en regelsystemen

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

### Eigenschappen behuizing en afmetingen

|                         |          |
|-------------------------|----------|
| Lampafwerking           | Mat      |
| Lampmateriaal           | Glas     |
| Productlengte           | 600 mm   |
| Lampvorm                | T5       |
| Nettogewicht (per stuk) | 0,085 kg |

### Keurmerken en classificaties

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

|                               |                                    |
|-------------------------------|------------------------------------|
| Energiebesparend product      | Ja                                 |
| Keurmerken                    | Conform RoHS KEMA Keur-certificaat |
| Energieverbruik kWh/1.000 uur | 11 kWh                             |
| EPREL-registratienummer       | 1407658                            |
| CE-markering                  | Ja                                 |
| Conform EU RoHS-richtlijn     | Ja                                 |
| Bereik omgevingstemperatuur   | -20 °C t/m 45 °C                   |

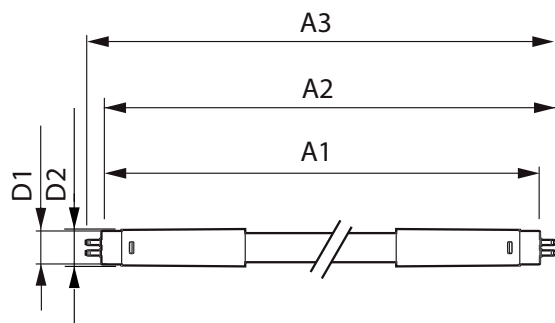
### Toepassingsomstandigheden

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

### Productgegevens

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Productnaam voor bestelling      | MAS LEDtube HF 600mm HO 10.5W 840 T5 |
| Volledige productnaam            | MAS LEDtube HF 600mm HO 10.5W 840 T5 |
| Full EOC                         | 872016916309600                      |
| Bestelcode                       | 8720169163096                        |
| Materiaalnr. (12NC)              | 929003596302                         |
| Lokale code                      | 8720169163096                        |
| Numerator - Aantal per pak       | 1                                    |
| EAN/UPC - product/behuizing      | 8720169163096                        |
| Numerator - Dozen per buitendoos | 10                                   |
| EAN/UPC - Case                   | 8720169163102                        |

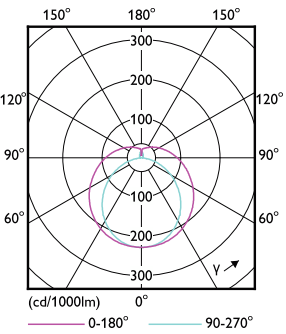
## Maatschets



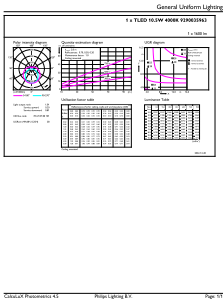
| Product                              | D1      | D2       | A1     | A2     | A3     |
|--------------------------------------|---------|----------|--------|--------|--------|
| MAS LEDtube HF 600mm HO 10.5W 840 T5 | 15,5 mm | 16/19 mm | 549 mm | 556 mm | 563 mm |

MASTER LED-buis InstantFit HF T5

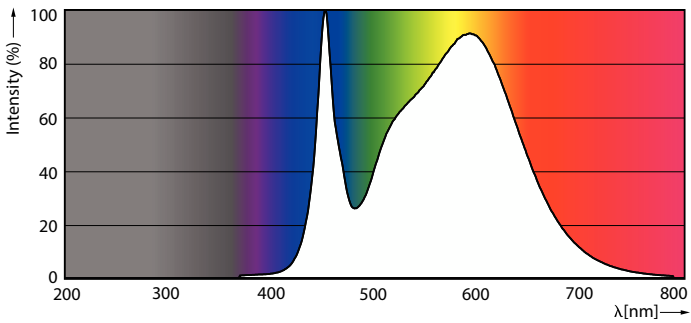
Fotometrische gegevens



Light Distribution Diagram - MAS LEDtube HF 600mm HO 10.5W 840 T5

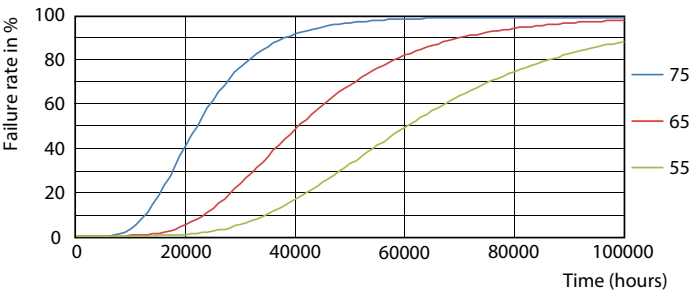


General uniform lighting - MAS LEDtube HF 600mm HO 10.5W 840 T5

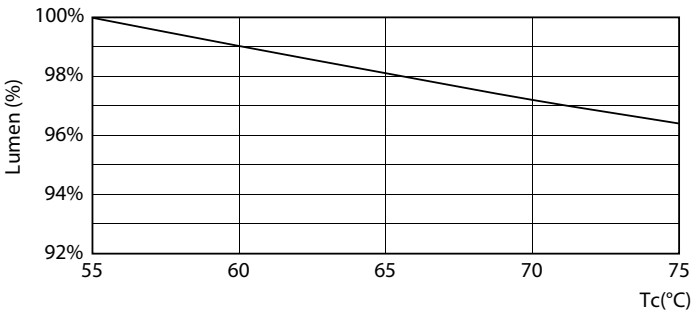


Spectral Power Distribution Colour - MAS LEDtube HF 600mm HO 10.5W 840 T5

Levensduur



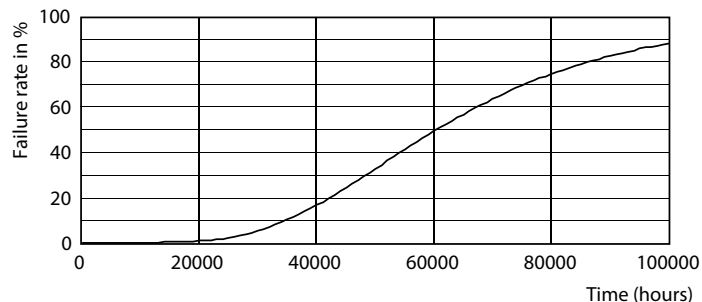
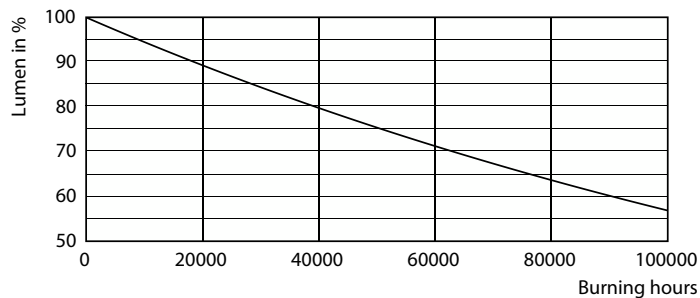
FailureRate



Lumen Maintenance Diagram - MAS LEDtube HF 600mm HO 10.5W 840 T5

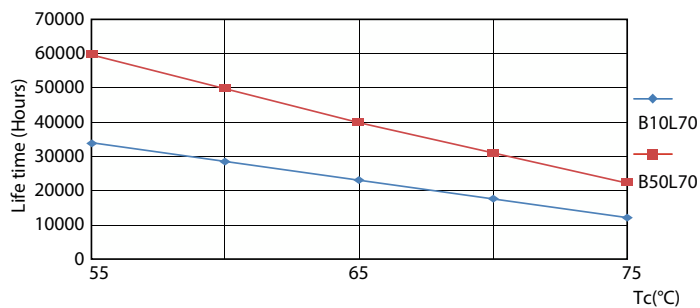
# MASTER LED-buis InstantFit HF T5

## Levensduur



Lumen Maintenance Diagram - MAS LEDtube HF 600mm HO 10.5W 840 T5

Life Expectancy Diagram



LifetimeVsTc

