



# MASTER LEDtube EM/ Mains T8 met gerecycled plastic



## MAS LEDtube 1200mm HO 11.3W 865 T8 EELB

MASTER, LEDtube, T8, EM/netspanning, 1200 mm, 11.3 W, 36W  
TL-D, 6500 K, 2100 lm, CRI 80, 75000 hr

MASTER, LEDtube, T8, EM/netspanning, 1200 mm, 11.3 W, LED alternative to 36W  
TL-D, 6500 K, 2100 lm, CRI 80, 75000 hr, 185 lm/W, EEL B, G13 Rotatable end-cap,  
Kunststof, 40 %, 1200 mm, RGO, SDCM 6, PF 0.9, IP20, SVM 0.1, PstLM 0.1

### Product gegevens

| Algemene informatie            |                       |
|--------------------------------|-----------------------|
| Lampvoet                       | G13 Rotatable end-cap |
| Nominale levensduur            | 75.000 hr             |
| Schakelcyclus                  | 200.000               |
| Lamptype                       | LEDtube               |
| Meetreferentie van lichtstroom | Sphere                |
| Garantieperiode                | 5 jaar                |

| Gegevens lichttechniek                |                    |
|---------------------------------------|--------------------|
| Kleurcode                             | 865 [CCT of 6500K] |
| Bundelhoek (nom.)                     | 160 graden         |
| Lichtstroom                           | 2.100 lm           |
| Kleuraanduiding                       | Koel daglicht      |
| Gecorreleerde kleurtemperatuur (nom.) | 6500 K             |
| Lichtrendement (gespec.) (nom.)       | 185 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                         | 50 tot 60 Hz |
| Energieverbruik                           | 11,3 W       |
| Lampstroom (max.)                         | 58 mA        |
| Lampstroom (min.)                         | 48 mA        |
| Opstarttijd (nom.)                        | 0,5 s        |
| Opwarmtijd tot 60% licht                  | 0,5 s        |
| Arbeidsfactor                             | 0,9          |
| Spanning (nom.)                           | 220-240 V    |
| LED alternative to fluorescent lamp power | 36W TL-D     |

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|                                                                                        |                |
|----------------------------------------------------------------------------------------|----------------|
| Aanloopstroom op netspanning                                                           | 7.4            |
| Max. lampnr. op MCB B type 10 A – netvoeding                                           | 100            |
| Max. lampnr. op MCB B type 10A – EM-voorschakelapparaat zonder compensatiecondensator. | 100            |
| Max. lampnr. op MCB B type 10A – EM-voorschakelapparaat met compensatiecondensator.    | 15             |
| Max. lampnr. op MCB B type 16 A – netvoeding                                           | 160            |
| Max. lampnr. op MCB B type 16A – EM-voorschakelapparaat zonder compensatiecondensator. | 160            |
| Max. lampnr. op MCB B type 16 A – EM-voorschakelapparaat met compensatiecondensator.   | 25             |
| Compatibiliteit met VSA                                                                | EM/netspanning |

## Operationele temperatuur

|                             |       |
|-----------------------------|-------|
| T-behuizing maximaal (nom.) | 50 °C |
|-----------------------------|-------|

## Dimbaarheid en regelsystemen

|         |     |
|---------|-----|
| Dimbaar | Nee |
|---------|-----|

## Eigenschappen behuizing en afmetingen

|                         |           |
|-------------------------|-----------|
| Lampafwerking           | Mat       |
| Lampmateriaal           | Kunststof |
| Productlengte           | 1.200 mm  |
| Lampvorm                | T8        |
| Nettogewicht (per stuk) | 0,220 kg  |

## Keurmerken en classificaties

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Energie-efficiëntieklasse | B                                                                   |
| Energiebesparend product  | Ja                                                                  |
| Keurmerken                | Conform RoHS CE-markering<br>KEMA Keur-certificaat ENEC-certificaat |

|                                                       |                |
|-------------------------------------------------------|----------------|
| Energieverbruik kWh/1.000 uur                         | 12 kWh         |
| EPREL-registratienummer                               | 2571903        |
| CE-markering                                          | Ja             |
| Conform EU RoHS-richtlijn                             | Ja             |
| LED-innovaties                                        | UltraEfficient |
| Flikkerwaarde (PstLM)                                 | 0,1            |
| Stroboscoopeffectwaarde (SVM)                         | 0,1            |
| Bereik omgevingstemperatuur                           | -20 tot +45 °C |
| Verhouding van gebruikt, gerecycled plastic materiaal | 40 %           |

## Toepassingsomstandigheden

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

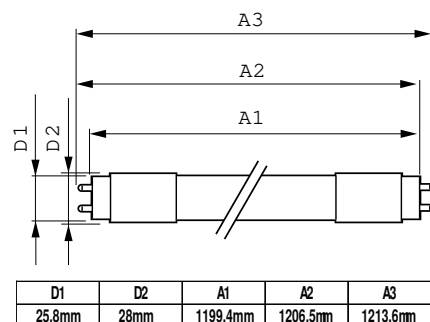
## Duurzaamheidsgegevens

|                                               |                |
|-----------------------------------------------|----------------|
| Sustainability rating                         | Signify Circle |
| Verhouding van bewerkte materialen in product | 26,8 %         |

## Productgegevens

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Productnaam voor bestelling      | MAS LEDtube 1200mm HO 11.3W 865 T8 EELB |
| Volledige productnaam            | MAS LEDtube 1200mm HO 11.3W 865 T8 EELB |
| Full EOC                         | 872016938809300                         |
| Bestelcode                       | 8720169388093                           |
| Materiaalnr. (12NC)              | 929004242602                            |
| Lokale code                      | 8720169388093                           |
| Numerator - Aantal per pak       | 1                                       |
| EAN/UPC - product/behuizing      | 8720169388093                           |
| Numerator - Dozen per buitendoos | 10                                      |
| EAN/UPC - Case                   | 8720169388109                           |

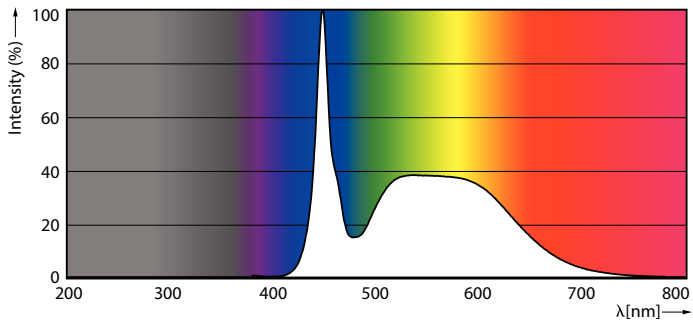
## Maatschets



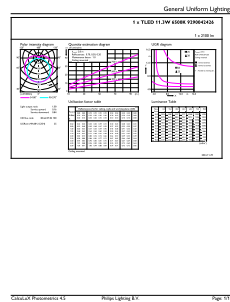
| Product                                 | D1      | D2    | A1         | A2         | A3         |
|-----------------------------------------|---------|-------|------------|------------|------------|
| MAS LEDtube 1200mm HO 11.3W 865 T8 EELB | 25,8 mm | 28 mm | 1.199,4 mm | 1.206,5 mm | 1.213,6 mm |

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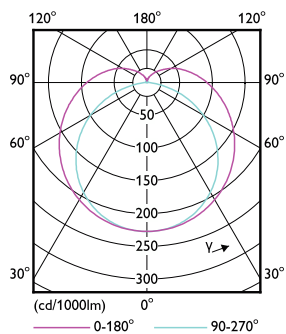
Fotometrische gegevens



Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 11.3W 865 T8 EELB

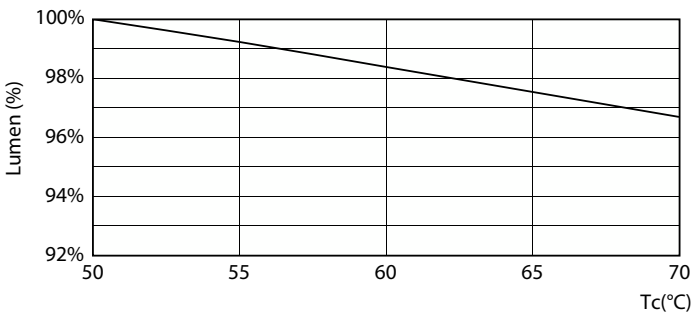


General uniform lighting - MAS LEDtube 1200mm HO 11.3W 865 T8 EELB

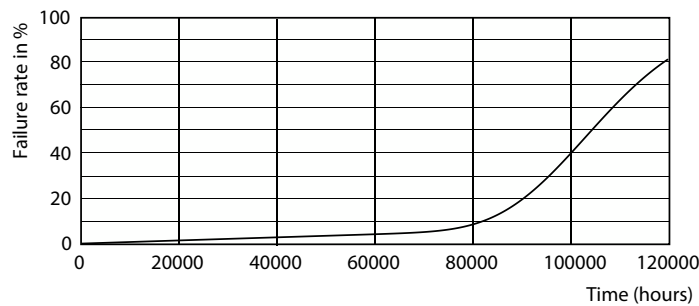


Light Distribution Diagram - MAS LEDtube 1200mm HO 11.3W 865 T8 EELB

Levensduur



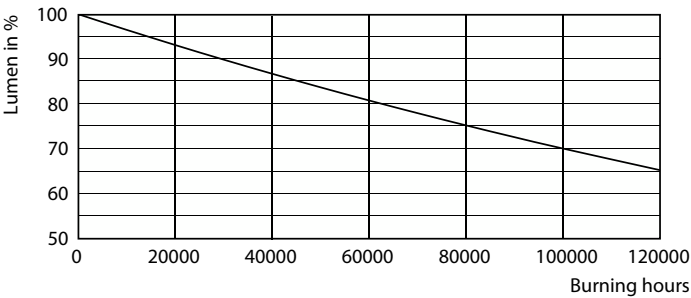
Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 11.3W 865 T8 EELB



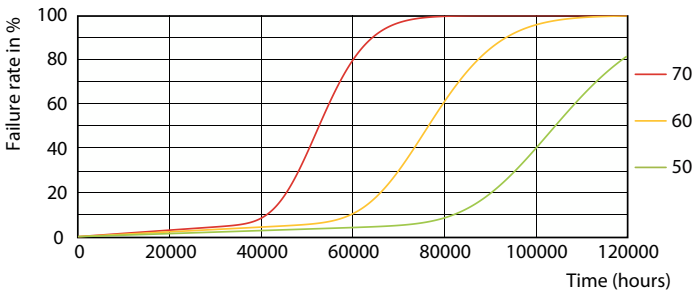
Life Expectancy Diagram

MASTER LEDtube EM/Mains T8 met gerecycled plastic

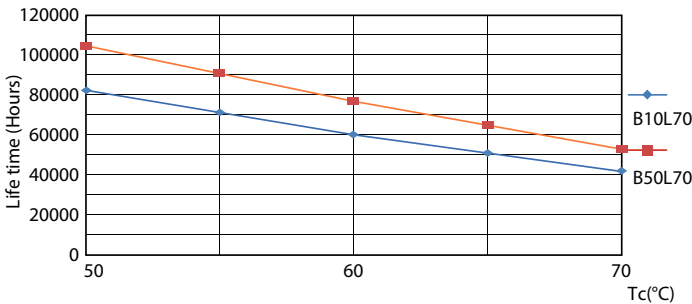
Levensduur



Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 11.3W 865 T8 EELB



Life Expectancy Diagram



Life Expectancy Diagram

