



MASTER LEDtube InstantFit HF T5

MAS LEDtube HF 1200mm HE 16.5W 865 T5

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. These T5 lighting tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime make these T5 LED tubes the choice for every demanding application.

Product data

| General Information | | Operating and Electrical | |
|---------------------------------------|--------------------|---------------------------|-----------------------------------|
| Cap-Base | G5 [G5] | Line Frequency | 30K to 100K Hz |
| Nominal lifetime | 60,000 hour(s) | Input Frequency | 30K to 100K Hz |
| Switching Cycle | 50,000 | Power Consumption | 16.5 W |
| Lighting Technology | LED | Starting Time (Nom) | 0.5 s |
| Flux measurement reference | Sphere | Warm-up time to 60% light | 0.5 s |
| | | Power Factor (Fraction) | 0.92 |
| | | Voltage (Nom) | 70-120 V |
| Light Technical | | Temperature | |
| Color Code | 865 [CCT of 6500K] | Ambient temperature range | -20 °C to 45 °C |
| Beam Angle (Nom) | 200 degree(s) | T-Case Maximum (Nom) | 65 °C |
| Luminous Flux | 2,500 lumen | | |
| Color Designation | Cool Daylight | Controls and Dimming | |
| Correlated Color Temperature (Nom) | 6500 K | Dimmable | Yes - Check ballast compatibility |
| Luminous Efficacy (rated) (Nom) | 151 lm/W | | |
| Color Consistency | <6 | Mechanical and Housing | |
| Color rendering index (CRI) | 80 | Bulb Finish | Frosted |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | |

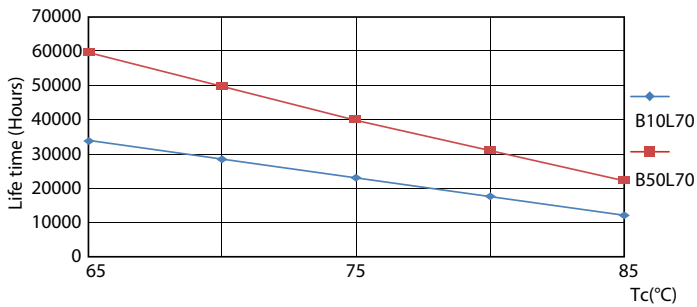
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Photometric data

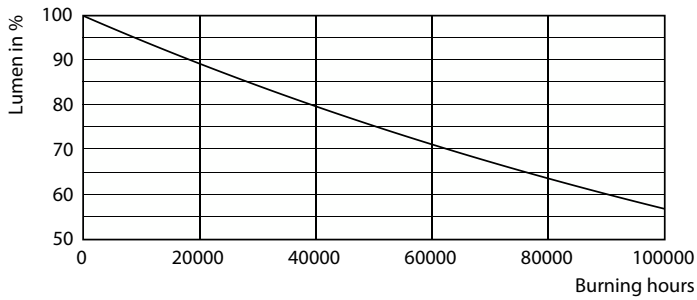


Light Distribution Diagram - MAS LEDtube HF 1200mm HE 16.5W 865 T5

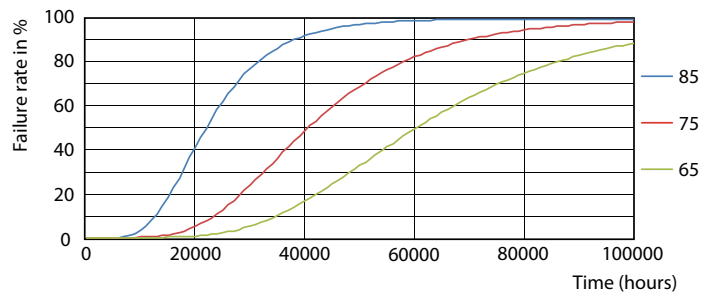
Lifetime



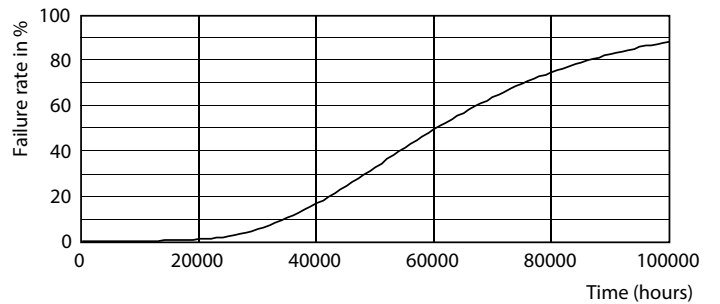
Life Expectancy Diagram - MAS LEDtube HF 1200mm HE 16.5W 865 T5



Lumen Maintenance Diagram - MAS LEDtube HF 1200mm HE 16.5W 865 T5



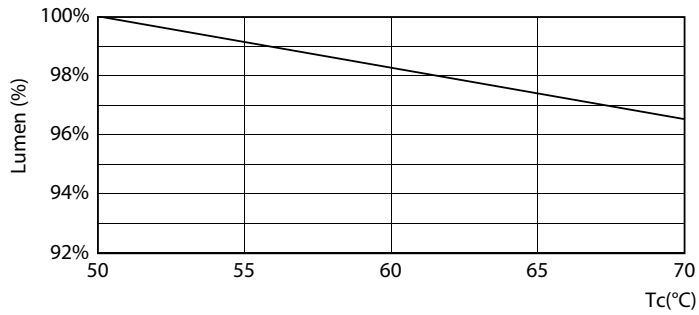
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