



Temperature independent fluorescent lighting

MASTER TL5 High Output TOP

This TL5 HO lamp (tube diameter 16 mm) offers a constant light level, independent of temperature fluctuations, making it an excellent solution for warm applications. The TL5 HO TOP can be operated on equivalent systems as MASTER TL5 HO. Excellent solution for warm applications, such as unconditioned warehouses, wall washers, etc.

Benefits

- Constant lumen level over a wide temperature range (20-75 °C) with excellent lumen maintenance
- Optimized for installations which need high luminous flux, especially in hot (above 40 °C) conditions
- Allows system miniaturization with maximum luminaire design freedom
- Retrofit to current TL5 HO non-amalgam lamps

Features

- Lumen output higher than 90% of maximum value at ambient lamp temperatures from 20 to 75 °C due to amalgam-controlled operation
- Allows dimming-down to 30% light output
- Hot restrike and good run-up behavior compared to high intensity discharge lamps due to auxiliary amalgams at both lamp ends
- Can be ignited at temperatures from -15 to +75 °C

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Application

- Architectural lighting and customized solutions thanks to compact lamp size and high lumen package, especially in hot (above 40 °C) conditions
- Economic solutions with high-ceiling lighting in retail and industrial application areas
- Especially uplighting applications in offices where higher lumen packages are needed
- Esthetic pendants, closed and furniture-mounted luminaires in offices, workshops, restaurants and reception areas

Dimensional drawing

Product	D	A	B	B	C
MASTER TL5 HO TOP 49W/840 1SL/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 HO TOP 49W/840 A

