

LED-J1019

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APPLICATION

The LED Transfer Standard LED-J1019 is a new developed device for photometric and colorimetric units such as luminous flux [lm], luminous intensity [cd], dominant wavelength, based on a design by the Physikalisch-Technische Bundesanstalt (PTB), Germany.

The LED Transfer Standard is enclosed in a stainless steel housing with an internal resistor for temperature control. An additional adaptor LED-J1019-ADAPT guaranties robust and reliable handling. The power supply LED-J1019-POWER stabilize an adjustable LED forward current and controls the temperature of the LED chip using the temperature depending LED junction voltage as a sensor.

A scientific description is published in 'PTB Mitteilungen Heft 4, 2003. Photometrie von Lumineszenzdioden'

SPECIFICATION

LED	different types available
Housing	stainless steel
Connector	LEMO
Temperature regulation	yes, heating resistor

Physical data

Weight	5 g
Diameter housing	7 mm
Material	stainless steel

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