
Technical specifications (Release 2010_0)

ICELED Lamps.

ICELED Lamps are based on white LED technology.

LEDs have high luminous efficiency consequently need low power supply and generate low heat levels.

This product has been designed to illuminate merchandise in displays and replaces conventional neon and halogen lights.

ICELED lamps usually emit white cold light (warm light on request) and have long life time average, for continual use up to 80,000/100,000 hours in comparison to standard halogen lights of about 1,000 hours. Power supply can be reduced of 50% on average.

This performance depends on the relation between lamp and power supply.

Lamps have an aluminium light grey frame that can be built in or fixed on panel, according to the model.

Lamps contain a single module of cold white LED board with 1,3W power supply at 17-18Vdc.

Light obtained with white cold LED is brighter than that obtained with a standard lamp with same power supply.

Light diffuser display positioned in front of lamp can be transparent or opal white, on request.

Working lamp and frame temperature is usually less than 49°C in 28°C room temperature.



Front view built in LED lamp sample



Side view built in LED lamp sample



Front view panel LED lamp sample

ICELED technical features:

Power supply	17-18VDC
Lamp dimensions	To be built in: 22,5x95xH10mm approximately. For panel: 26x120xH9,5mm approximately.
Drilling template dimensions	20,5x112mm approximately.
Lamp protection	IP40.
Room temperature	-10°C / +50°C.
Umidity	Maximum 95% not condensative.

Note

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