

MultiBar Nichia LED-Module

Uniquely Versatile



made in germany



MultiBar Nichia LED-Modules

Improve your ambient with light

The Multibar LED-Modules are characterized by their unique versatility. Due to their easy-to-handle plug&play system continuous lines of light can be obtained without any soldering. The available connectors offer the alternative between no spacing between modules or 5 cm to 500 cm spacing, for connection around corners or in individual segments.

For increased freedom of design, the modules are also divisible and the connectors function on the small parts as well. With a flat design, the Multibar can fit in many spaces and is ideal for decorative light, exhibition construction, room illumination and even general or work lighting.

Thanks to the high spectrum quality and CRI90+, illuminated colors will look very natural.

The Multibar is available in white and warm white, with 24 or 44 high performance Nichia LEDs per 50 cm long module.

MultiBar LED-Modules – versatile and effective



Compact and with ease of installation



With 24 or 44 Nichia LEDs that deliver exceptional performance and lifetime



Product with highest quality and outstanding performance



MultiBar LED-Module

High Power in small format

The Multibar delivers extraordinary performance due to the LEDs used, Nichia 757 LED series. This LED series has up to 210 lumens per watt efficiency, 90+ CRI, 60.000 hours L70 lifetime and an excellent price/performance ratio. Thanks Nichia binning the MultiBar generates a very uniform white light. Despite the high luminous power, cooling is not required even in continuous operation.

NICHIA
on board

Standard Efficiency
118 lm/W

3-Step
MacAdam

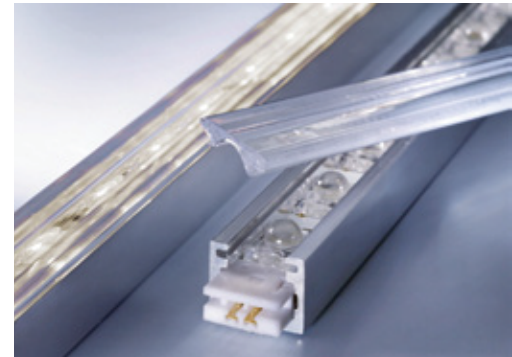
no cooling

Stack-System
Easy to plug

24 V

A lighting fixture just a step away

Cove lighting can be installed in a very short time, without soldering. The clever connectors allow the modules to be joined seamless, even around corners or curves. Practical screw holes allow attachment of the strip on various surfaces. In combination with an aluminum profile the Multibar can be transformed into a lighting fixture with a minimalist design, all this by using the most basic of technical skills. The power requirements are easy to meet, a 24VDC transformer can quickly and easily connect the row of strips to the power grid.

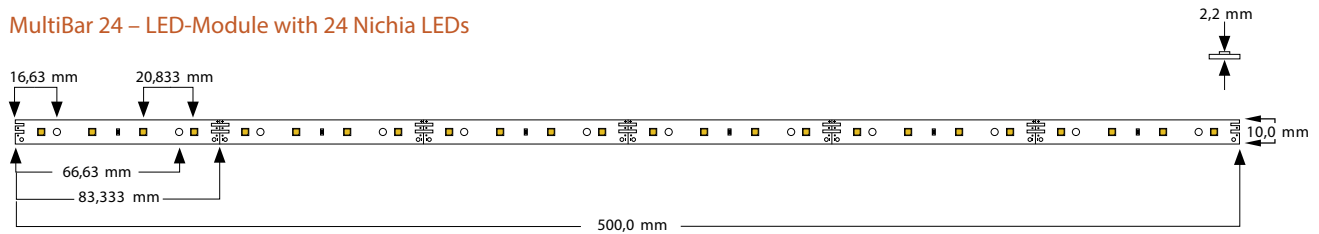


In combination with aluminium profiles and with the help of the connection system an elegant lighting fixture can be obtained

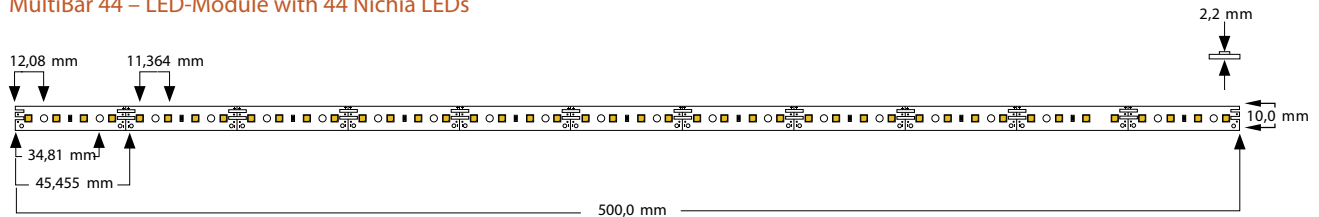
Freedom of design

MultiBar LED Modules are available in two versions: with 24 LEDs or 44 LEDs for 50 cm. The bright Nichia LEDs of Series 757 deliver up to 760 Lumens per module with CRI 90+.

MultiBar 24 – LED-Module with 24 Nichia LEDs



MultiBar 44 – LED-Module with 44 Nichia LEDs





Technical Datasheet

MultiBar LED-Module

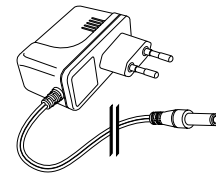


Professional	Color-temp.	Luminous Flux typ. for 0.5m	Efficiency	Power	Viewing-angle	Dimensions	Voltage	Current typ. for 0.5m
MultiBar LED-Module, 24 Nichia LEDs Art. Nr. 50856	4000 K	305 lm	118 lm/W	2,6 W	120 °	500 x 10 x 2,2 mm	24 V	108 mA
MultiBar LED-Module, 24 Nichia LEDs Art. Nr. 50857	3000 K	295 lm	114 lm/W	2,6 W	120 °	500 x 10 x 2,2 mm	24 V	108 mA
MultiBar LED-Module, 44 Nichia LEDs Art. Nr. 50859	4000 K	760 lm	118 lm/W	6,47 W	120 °	500 x 10 x 2,2 mm	24 V	270 mA
MultiBar LED-Module, 44 Nichia LEDs Art. Nr. 50860	3000 K	730 lm	113 lm/W	6,47 W	120 °	500 x 10 x 2,2 mm	24 V	270 mA

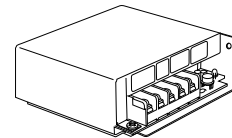




① Transformer



Plug&Play Type
for small installations



Enclosed Type
for large installations

Connection type 1



Plug&Play Transformer

Connection type 2

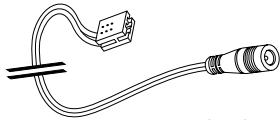


Enclosed Transformer

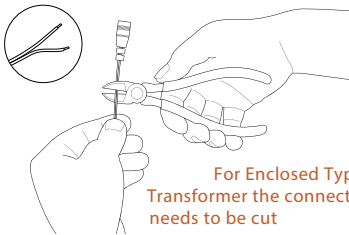
MultiBar LED-Module

2 Plug&Play Connector

Connects the transformer to the LED module



The Plug&Play Connector is available in different lengths

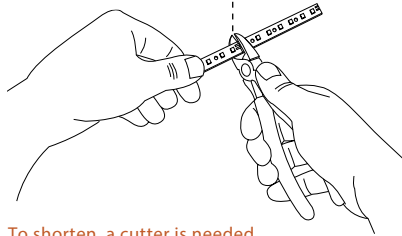


For Enclosed Type Transformer the connector needs to be cut

Transformer

3 MultiBar LED-Module

The Multibar LED module can be cut at every 4 LEDs



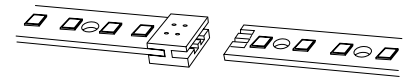
To shorten, a cutter is needed
Only cut at the gold connection points, at every 4 LEDs.

4 Chain Connector

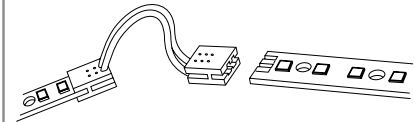
For long lines of light a chain connector can be used.

MultiBar 24 LEDs: up to 14 modules (7 meters)

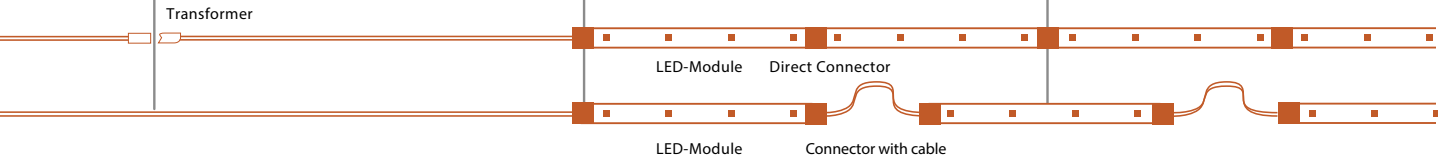
MultiBar 44 LEDs: up to 9 modules (4.5 meters)



Direct connector for LED Module



Connector with cable for LED Module
Available in 5, 100 and 500 cm length



Do you need a personalized solution?

Custom made LED modules can be developed and manufactured according to your specifications. You can choose the module design, color temperature, power, brightness and even the type of Nichia LED. Thus, your application will receive the right hi-tech solution.

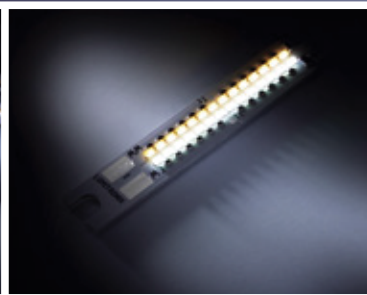
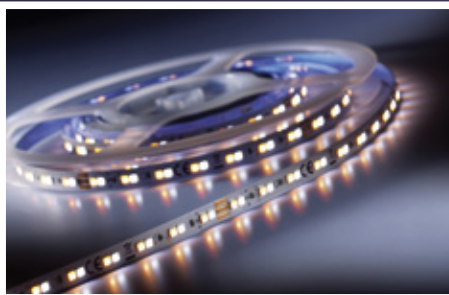


Production center in Germany with certified quality





High-Performance Nichia LED-Technologies & Solutions



Germany - Romania

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