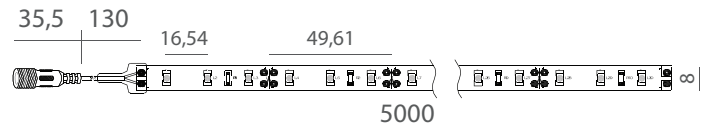


MRIG0450006WRE  
MRIG04500061RE



(mm)

		23 W		IP65			max 40°C -15°C	
--	--	------	--	------	--	--	-------------------	--

Nastro LED rivestito in una resina poliuretana trasparente.  
Dimmerabile.

LED Strip sheathed in a transparent polyurethane resin.  
Dimmable.

MRIG0450006\_RE

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

874/2012

General Information	Caractéristiques Générales	Allgemeine Informationen	Informazioni generali	
Material	Matériaux	Materialien	Materiali	Polyurethan resin
Number of light sources	Nombre de Source(s)	Anzahl Lichtquellen	Numero sorgenti lum.	60 LED/m
Fixing system	Système de fixation	Befestigungssystem	Sistema di fissaggio	3M tape
Driver included	Driver intégré	Treiber inklusive	Driver incluso	NO
Protection class IEC	Classe électrique	Schutzklasse	Classe di isolamento	III
IP code	IP	Schutzart	Grado IP	IP 65
IK code	IK	Schlagfestigkeit (IK)	Grado IK	/
Optic type	Optique	Optik	Ottica	transparent
Cable	Câble	Kabel	Cavo	13 cm + connector
Dimmable	Gradable	Dimmbar	Dimmerabile	YES
European Community mark	Marquage CE	CE-Zeichen	Marchio comunità europea	CE
Lifetime to 80% luminous flux	Durée vie 80% flux lumineux	Lebensdauer bis 80% Lichtstrom	Durata funzion. (80% flusso)	30 000 h
Weight (kg)	Poids (kg)	Gewicht (kg)	Peso (Kg)	/
Electrical	Caractéristiques Electriques	Elektrische Kenndaten	Corrente	
Input voltage	Tension d'alimentation	Netzspannung	Tensione di alimentazione	12 V
Initial performances	Performances initiales	Anfängliche Leistung	Performance iniziali	
Initial input power	Initial input power	Systemleistung	Potenza di sistema	23 W
Initial luminous flux	Initial luminous flux	Lichtstrom	Flusso luminoso iniziale	200 lm
Initial LED luminaire efficacy	Initial LED luminaire efficacy	Effizienz	Efficienza luminosa iniziale	40 lm/W
Init. Corr. Color Temperature*	Init. Corr. Color Temperature*	Farbtemperatur*	Temperatura colore lampada*	warm white / blue
CRI	IRC	CRI	CRI	80
Application conditions	Conditions d'application	Einsatzbedingungen	Condizioni applicazione	
Ambient temperature range	Température ambiante	Umgebungstemperatur	Temperatura ambiente	max. +40°C - min. -15°C

\* Colour temperature could change max. +/- 8%.

## RIGA Indoor

### RIGA Indoor Monochrome Version

#### Technical Features

- Led Strip sheathed encapsulated in a polyurethane resin
- IP65(surface can totally prevent the powder ingress and won't be harmed by flushing water in a short time of 3 minute)
- Excellent UV light stability
- Dimmable
- 3M tape for installation

#### Technical Data

##### Absolute Maximum Rating at TA=25 °C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	2000	mA
Power Dissipation	PD	24	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-15~+40	°C
Storage Temperature	Tstg	-40~+80	°C

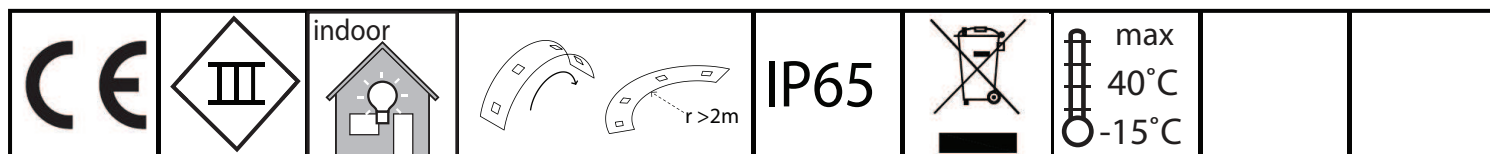
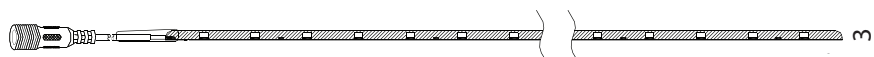
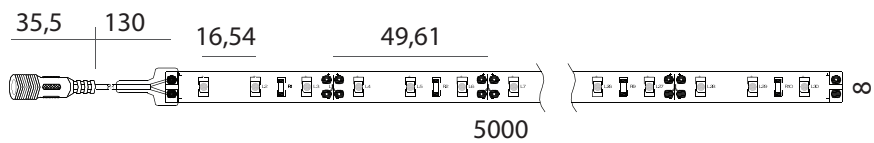
##### Electrical / Optical Characteristics at TA=25 °C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	IF=2000mA	--	12	--	V
Dominant Wavelength	$\lambda D$	IF=2000mA	--	--	--	nm
Chromaticity	TC	IF=2000mA	3000		3500	K
Luminous flux	$\phi V$	IF=2000mA	950	1000	--	lm
Recommend Forward Current	IF(rec)	--	--	2000	--	mA

Notes:

- 1.Tolerance of measurement of luminous intensity±15%.

#### Drawings



si consiglia la conservazione delle seguenti istruzioni - we suggest you to keep this copy for your files

## RIGA Indoor

### Installation instructions LED Strip Indoor White Version

- Parallel connection allowed

**Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.**

#### Feeder (not included)

WALIMLED025/12 (90 ÷ 277V; 50-60Hz) - up to 5mt LED Strip IP65 (indoor)  
 WALIMLED060/12 (100 ÷ 240V; 50-60Hz)- up to 10mt LED Strip IP65 (indoor/outdoor)  
 WALIMLED100/12 (100 ÷ 240V; 50-60Hz)- up to 20mt LED Strip IP65 (indoor/outdoor)

#### A

feeder  
 WALIMLED060/12  
 60W-12V / IP66  
 up to 10mt of LED Strip IP65

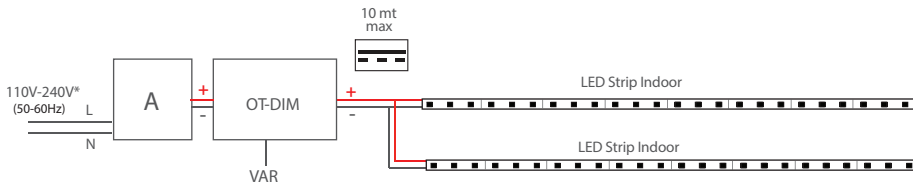
product  
 LED Strip IP65  
 Version 12V (5mt)



#### A

feeder  
 WALIMLED060/12  
 60W-12V / IP66  
 up to 10mt of LED Strip IP65

product  
 LED Strip IP65  
 Version 12V (5mt)



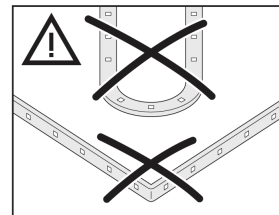
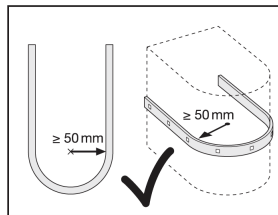
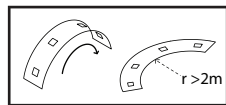
#### OT-DIM

dimmer  
 WBOKOTDIM (50W max)

#### VAR

variatore/current variation  
 WBOKVAR

\*Verificare la tensione di ingresso supportata dagli alimentatori / Verify the input tension supported from drivers



### Accessories

- Clips (not included)

### Safety Information

- The LED module itself and all its components must not be mechanically stressed.
- **Average CCT colour temperature, this value can vary due to the manufacturing processes.**
- **Dominant wavelength, this value can vary due to the manufacturing processes.**
- Exceeding maximum ratings for operating and storage will reduce expected life time or destroy the product.
- The minimum bending radius is 10 cm.
- Operating Temperature: -15°C / +40°C
- Lifetime 30.000 hours @ Ta = +25 °C
- Assembly must not damage or destroy conducting paths on the circuit board.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
- Please ensure that the power supply is of adequate power to operate the total load.
- LED inside the chain are not replaceable.
- The cables in this product are not replaceable.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards.
- Only qualified personnel should be allowed to perform installations.
- Drawings and dimensions are only to be used as indication, please contact us for exact measurements and tolerances.
- Typical performance data are subject to change without any further notice.

#### tabella di riepilogo prodotti/ product overview table

codice/ code	colore/ colour	tipo/ type	potenza/ power	caratteristiche/ specifications	ottica/ optic	tipo di LED/ LED type	materiale/ material	fissaggio/ fixation	IP/ IP
MRIG0450006WRE	warm white	esterni/ outdoor	23 W	L= 500cm	trasparente/ transparent	nastro LED media emissione LED strip medium emission	Resina poliuretana/ Polyurethane resin	Nastro 3M/ 3M tape	65
MRIG04500061RE	blue	esterni/ outdoor	23 W	L= 500cm	trasparente/ transparent	alta emissione/ high emission	Resina poliuretana/ Polyurethane resin	Nastro 3M/ 3M tape	65