LINEAR SYSTEM
OUTDOOR/UNDERWATER
RIGA HP

Striscia LED flessibile con grado di protezione IP68. Utilizzabile in indoor o outdoor come luce funzionale/decorativa.

IP68 flexible LED strip. Suitable for indoor or outdoor as functional/decorative light.

Staffe di fissaggio incluse. Included fixing clips.

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General Information
Caractéristiques Générales
Allgemeine Informationen
Informazioni generali

Material
Matériaux
Materialien
Materiali

PVC + polyurethan resin

Number of light sources
Nombre de Source(s)
Anzahl Lichtquellen
Numero sorgenti lum.

120 LED/m

Fixing system
Système de fixation
Befestigungssystem
Sistema di fissaggio

clips

Driver included
Driver intégré
Treiber inklusive
Driver incluso

NO

Protection class IEC
Classe électrique
Schutzklasse
Classe di isolamento

IP 68

IK code
IK Schlagfestigkeit (IK)
Grado IK

transient

Optic type
Optique
Optik
Ottica

Optica

Cable
Câble
Kabel
Cavo

2 m

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)

0,215 kg (1m) - 1,2 kg (5m)

Electrical
Caractéristiques Electriques
Elektrische Kenndaten
Informazioni elettriche

Input voltage
Tension d’alimentation
Netzspannung
Corrente

12 V

Initial performances
Performances initiales
Anfängliche Leistung
Performance iniziali

9,6W/m

Initial input power
Initial input power
Systemleistung
Potenza di sistema

>600lm ca.

Initial LED luminaire efficacy
Initial LED luminaire efficacité
Effizienz
Efficienza luminosa iniziale

62 lm/W ca.

Init. Corr. Color Temperature*
Init. Corr. Color Temperature*
Farbtemperatur*
Temperatura colore lampada*

WW

CRI

IRC

Cri

>80

Application conditions
Conditions d’application
Einsatzbedingungen
Condizioni applicazione

Ambient temperature range
Température ambiante
Umgebungstemperatur
Temperatura ambiente

max. +35 °C - min. -20 °C

* Colour temperature could change max. +/- 8%.
**RIGA HP POLAR DIAGRAM**

**LINEAR SYSTEM**

**OUTDOOR/UNDERWATER**

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### MRIG0910013WRE

<table>
<thead>
<tr>
<th>codice/code</th>
<th>colore/colour</th>
<th>tipo/type</th>
<th>potenza/power</th>
<th>caratteristiche/specifications</th>
<th>fascio ottico/optic beam</th>
<th>tipo di LED/LED type</th>
<th>materiale/material</th>
<th>fissaggio/fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRIG0910013RE</td>
<td>warm white</td>
<td>outdoor</td>
<td>10W</td>
<td>L= 100cm</td>
<td>120°</td>
<td>fixed</td>
<td>nastro LED alta emissione</td>
<td>PVC e resina con staffe</td>
</tr>
<tr>
<td>MRIG0920013RE</td>
<td>warm white</td>
<td>outdoor</td>
<td>20W</td>
<td>L= 200cm</td>
<td>120°</td>
<td>fixed</td>
<td>nastro LED alta emissione</td>
<td>PVC e resina con staffe</td>
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<tr>
<td>MRIG0930013RE</td>
<td>warm white</td>
<td>outdoor</td>
<td>30W</td>
<td>L= 300cm</td>
<td>120°</td>
<td>fixed</td>
<td>nastro LED alta emissione</td>
<td>PVC e resina con staffe</td>
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<tr>
<td>MRIG0940013RE</td>
<td>warm white</td>
<td>outdoor</td>
<td>40W</td>
<td>L= 400cm</td>
<td>120°</td>
<td>fixed</td>
<td>nastro LED alta emissione</td>
<td>PVC e resina con staffe</td>
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<tr>
<td>MRIG0950013RE</td>
<td>warm white</td>
<td>outdoor</td>
<td>50W</td>
<td>L= 500cm</td>
<td>120°</td>
<td>fixed</td>
<td>nastro LED alta emissione</td>
<td>PVC e resina con staffe</td>
</tr>
</tbody>
</table>

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

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**RIGA HP POLAR DIAGRAM**
**RIGA Monochrome Version**

**Technical Features**
- Led Strip sheathed in white profile and encapsuled in a polyurethane resin
- Fully waterproof IP68 and can be used both indoor and outdoor
- Good weather resistance and excellent UV light stability
- Dimmable
- Possibility to cut to length
- Transparent

**Benefits**
- Fully waterproof IP68 and can be used both indoor and outdoor.
- Available in warm white (3000/3500°K) and different lengths: 1, 2, 3, 4, and 5mt.
- Easy installation with IP68 cable connectors (not included**)
- Extremely flexible
- Can be cut to length every 5cm

**Technical Data**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>MRIG09_0013WRE</td>
<td>warm white</td>
<td>120/MT</td>
<td>12</td>
<td>9,6/MT</td>
<td>120</td>
<td>3400 +/- 250</td>
<td>600</td>
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</tbody>
</table>

- Cable included 1x200cm - HORN8-F type - 2x0,5MM²
- 5MT - Absolute Maximum Rating: 3A (Forward Current)

**Drawings**

![Diagram showing the product's dimensions and features](image-url)
RIGA Monochrome Version

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

Feeder (not included)

<table>
<thead>
<tr>
<th>Feeder Type</th>
<th>Voltage</th>
<th>Max Length</th>
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<tbody>
<tr>
<td>WALIMLED025/12</td>
<td>90 – 277V; 50-60Hz</td>
<td>up to 5mt</td>
</tr>
<tr>
<td>WALIMLED060/12</td>
<td>100 – 240V; 50-60Hz</td>
<td>up to 10mt</td>
</tr>
<tr>
<td>WALIMLED100/12</td>
<td>100 – 240V; 50-60Hz</td>
<td>up to 20mt</td>
</tr>
</tbody>
</table>

A
feeder

WALIMLED060/12
60W-12V / IP66
up to 10mt of RIGA Monochrome
product
MRIG0950006WRE
RIGA White Version 12V (5mt)

A
feeder

WALIMLED060/12
60W-12V / IP66
up to 10mt of RIGA Monochrome
product
MRIG0950006_RE
RIGA Version 12V (5mt)

OT-DIM
dimmer

WBOXOTDIM (50W max)

VAR

variatore/current variation
WBOKVAR

B
feeder

WALIM/DIMM/JOLLY
20W-12V / IP20
up to 4mt of RIGA WV
product
MRIG0940006_RE
RIGA 12V (4mt)

VAR

variatore/current variation
WBOKVAR

si consiglia la conservazione delle seguenti istruzioni - we suggest you to keep this copy for your files
Accessories
- Clips (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.
- Exceed maximum ratings for operating and storage will reduce expected life time or destroy the product.
- The minimum bending radius is 10 cm.
- Operating Temperature: -20°C / +50°C
- Lifetime 30,000 hours @ Ta = +35 °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.

- Mark placement for brackets
- Install brackets

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