



arch. Buro 51 | photographer Serge Brison

kreon

Johto

Johto is a high quality linear lighting system based on LED for technically sophisticated interior and exterior light.

It provides homogeneous and dot free illumination in very low installation depths. Johto can be used in applications varying from mood lighting to general lighting in office spaces, residential- or retail projects. The profile has a cross section of 15mm x 16mm, a maximum length of 5 meter* and is equipped with IP67 plug in connectors at both ends**.

The use of high quality and long living components warrant energy savings and sustainable lighting solutions with a long life time of over 50.000hrs.

remarks

* available by combining 2x2m + 1m

** 4m module only available with 1 male connector

Johto module 0,5m



Johto module 1m



Johto module 2m



Johto end module 4m



Specifications

type surface mounted

visible dimensions L x 15mm x 16mm

power 10W/meter

voltage 24 Volt (23V_{min}, 25V_{max})

IP 67

temperature $t_{c_{min}} = -25^{\circ}\text{C}$, $t_{c_{max}} = +60^{\circ}\text{C}$

storage temperature $t_{min} = -25^{\circ}\text{C}$, $t_{max} = +85^{\circ}\text{C}$

ambient temperature $t_{a_{min}} > -25^{\circ}\text{C}$, $t_{a_{max}} = +45^{\circ}\text{C}$

lifetime L70, 50,000 hrs

LM 79 compliant
LM 80 compliant

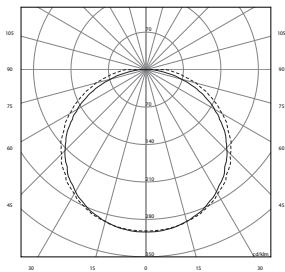
UV protected

Resistant to solvents

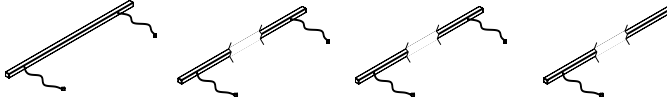
Saltwater resistant

Temporary immersion protection

The encapsulation technology causes a color temperature drift compared to the flex tape color temperature. There is no effect on homogeneity.



name	johto module m+f connect	johto module m+f connect	johto module m+f connect	johto end module
lamptype	LED 500lm/m 2700K CRI 85	LED 500lm/m 2700K CRI 85	LED 500lm/m 2700K CRI 85	LED 500lm/m 2700K CRI 85
reference	kr974420	kr974421	kr974422	kr974434



*dimensions	500x15x16	1000x15x16	2000x15x16	4000x15x16
power	10W/m	10W/m	10W/m	10W/m
voltage	24V	24V	24V	24V
IP	67	67	67	67

**required
accessories**

mounting clip	kr774001	kr774001	kr774001	kr774001
female connector, 1m cable	kr774005	kr774005	kr774005	kr774005

**optional
accessories**

DALI/DMX/0-10V controller	kr774006	kr774006	kr774006	kr774006
extension cable 2m (m+f conn.)	kr774007	kr774007	kr774007	kr774007
double sided tape/meter	kr774008	kr774008	kr774008	kr774008

drivers

LED power supply 24V/30W	kr490373	kr490373	kr490373	kr490373
LED power supply 24V/60W	kr490374	kr490374	kr490374	kr490374
LED power supply 24V/100W	kr490375	kr490375	kr490375	kr490375
LED power supply 24V/150W	kr490376	kr490376	kr490376	kr490376

Remarks:

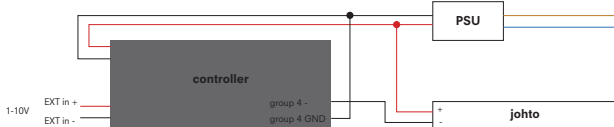
* tolerance of ± 5 mm possible.

wiring diagram

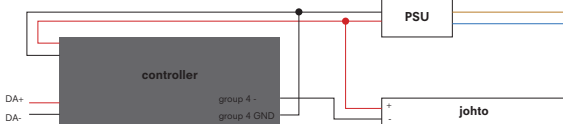
ON/OFF



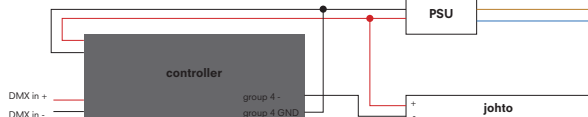
1-10V



DALI



DMX





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