

# LUMINAIRE CONTROLLER ZHAGA 18 UL2030



Luminaire Controller Zhaga 18 is a remote control device for LED luminaires equipped with Zhaga book 18 compliant receptacle socket.

Control commands from/to dedicated application are to be sent/received using LoRaWAN<sup>®</sup> network.



FW version >=1.0.3

## OVERVIEW

### Technology

Supports LED luminaires with Zhaga book 18 compliant receptacle socket

## APPLICATIONS

### Luminaires control

Supports customisable dimming profiles

### Array control

Allows to control an array of 4 luminaires over the DALI interface on internal DALI power supply and array of 64 luminaires over external power supply.

## FEATURES

- DALI interface
- Luminaire intensity control
- IP67



# SPECIFICATIONS

Diameter:	51.4 mm
Height:	33.4 mm
Weight:	38 g
Operating temperature:	-30°C ... +60°C
Power consumption:	34mA @ 24V
Body material:	ABS
IP Rating:	IP67

# COMMUNICATION SPECIFICATIONS

LoRAWAN®

Device class: C

Activation: OTAA

LoRAWAN® version: 1.0.3a

Rx Sensitivity: -140 dBm

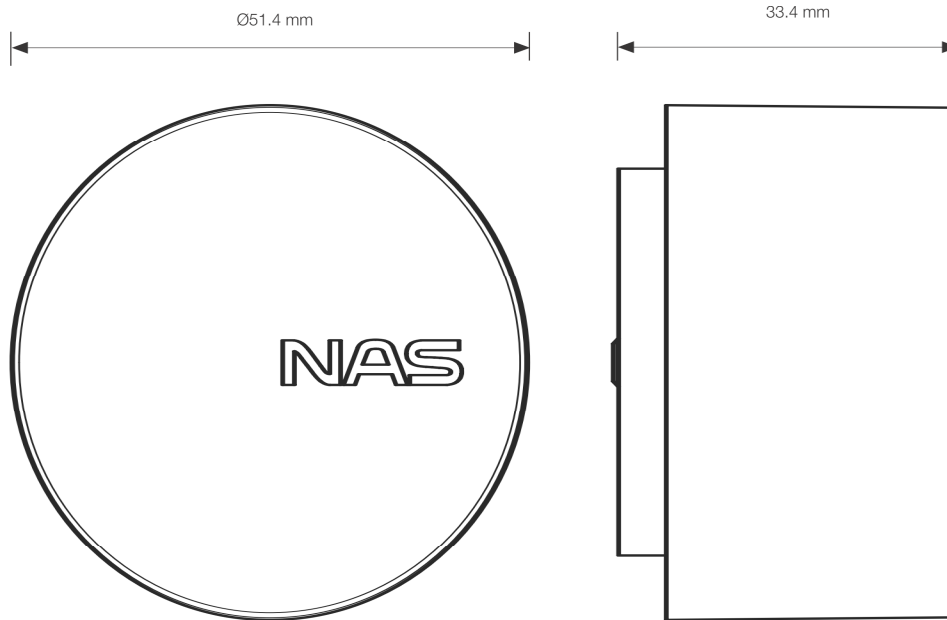
Tx power: up to +20 dBm

# INTERFACE SPECIFICATIONS

DALI Interface max number of slaves: 4

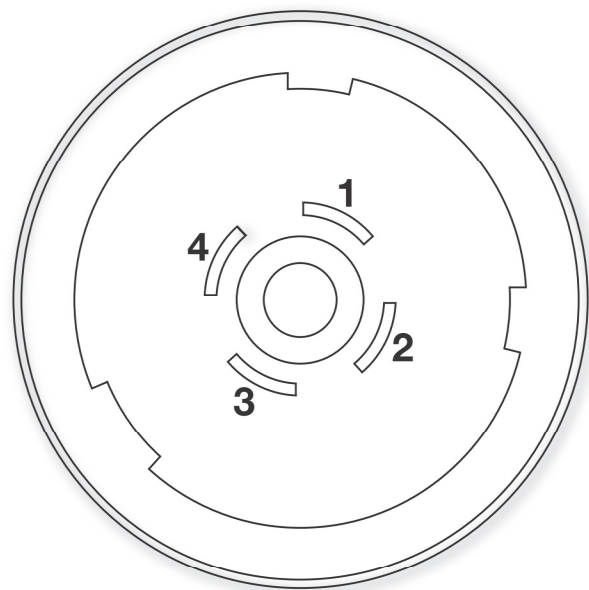


# DIMENSIONS



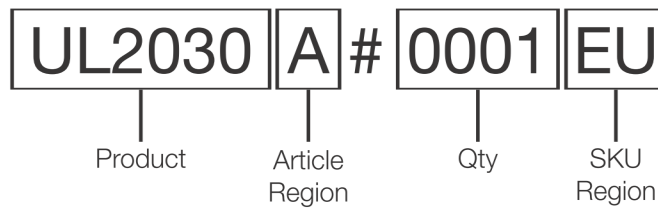
# WIRING GUIDE

- 1: +24V Auxiliary power supply
- 2: DALI - / Ground for +24V
- 3: DALI +
- 4: RFU





# ORDERING INFORMATION



Product/SKU	Communication	Additional features
UL2030x#0001xx	LoRaWAN®	n/a

Article region	SKU region	BAND
A	EU	EU868
B	AU	AU915
C	US	US915
D	AS	AS923
F	KR	KR920
I	IN	IN865
J	RU	RU864

\* The data stream connection is available through IoT Hub and API's. Other setups negotiable.



# CONTACT INFORMATION

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