

Data sheet light

Citygrid Zhaga Controller MKII

P/N D21015

The data sheet light contains limited information on the product. See the full data sheet for more information.



ELECTRICAL CHARACTERISTICS			
Name	Value	Unit	Condition
Universal input voltage	24	V _{dc}	± 10% (typically powered by LED driver)
Power consumption	< 0,5	W	Always active, no sleep mode

INTERFACES	
Name	Value
DALI-2	Certified. Parts 101 and 103.
D4i	Certified as a Type D device. The controller is able to read the D4i memory banks from control gear.
Zhaga Connector	Zhaga Book 18

WIRELESS COMMUNICATION			
Specification item	Value	Unit	Condition
Gateway ratio	1:250	Control unit	Citygrid Gateway MKII P/N D22006/D22007.
Max units per site*	500	Control unit	
Frequency Range	868,3 / 918,0	MHz	The frequency is set when running the Producer App to match European / Australian regulation.
Recommended distance between units Maximum Range**	<50 200	m m	Theoretical communication distance

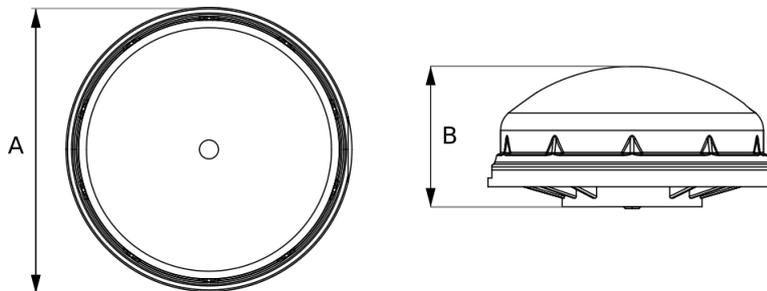
* Adjacent sites can communicate motion events.

** Maximum range under ideal conditions such as RF matching, line of sight, maximum power. Actual results may vary depending on the customer's design.

PROTECTION			
Specification item	Value	Unit	Condition
Required external fuse	<1	A	
IP rating	IP66		
IK rating	IK09		Top and side impact

TEMPERATURE & HUMIDITY			
Type	Value	Unit	Condition
Operational temperature	-30 to +60	°C	Ambient
Storage temperature	-40 to +80	°C	Ambient
Relative humidity	0 to 90	%	Non condensing. For use up to 2000m above sea level

DIMENSIONS & WEIGHT			
Item	Value	Unit	Comment
A	80	mm	Diameter
B	39	mm	Height
Weight	0,065	kg	



CAUTION

- Avoid touching live parts.
- Do not use the product with damaged housing or connectors.
- Do not service when the mains voltage is connected. This includes connecting or disconnecting the LED driver.
- The product should be installed by a trained or qualified person.

