

Data sheet light

GreenStreet

GLC-15

Zhaga Controller

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	Vdc	
Power consumption	< 1	W	Nominal

INTERFACES

Name	Value
Dimming interface	DALI, D4i, multi-driver option
Zhaga connector	Zhaga Book 18

WIRELESS COMMUNICATION

Specification item	Value	Unit	Condition
RF communication	Mesh, 2.4	GHz	GFSK, integrated PCB antenna
RF protocol software	Wirepas (default)		Decentralized network infrastructure; all devices can route; multi-gateway support; multi-channel operation; efficient collision-free spectrum use to allow dense networks.
Security	AES 128-bit encryption		
Maximum distance between devices	80	m	Line of sight

PRODUCT VARIANTS

Model	Variant	Description
GLC-15 Zhaga	ECO	Accelerometer, Temperature,
GLC-15 Zhaga	STD	Accelerometer, Temperature, GPS, Light Sensor

Data in this document is subject to change without prior notice. Source data: Rev. 3, 2026-07-01.

PROTECTION

Specification item	Value	Unit	Condition
IP rating	IP66		
IK rating	IK09		

TEMPERATURE & HUMIDITY

Type	Value	Unit	Condition
Operational temperature	-40 to +65	°C	
Storage temperature (Do we have this requirement?)	0 - 50	°C	In the event of water ingress, the unit must be fully dried before use. Do not store the unit near substances that may create a corrosive environment.
Relative humidity	0 to 100	%	For use up to max 2000 m. For higher altitudes, contact Capelon.

DIMENSIONS & WEIGHT

Item	Value	Unit	Comment
Ø	80	mm	Diameter
H	33	mm	Height
Weight	70	g	

APPROVALS

Item	Value
Approvals	RED Directive 2014/53/EU, EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU, LVD Directive 2014/35/EU
Radio	EN 301 489-1, EN 301 489-17, EN 301 489-19, EN 300 328, ver. 2.2.2
EMC	EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
Safety	EN IEC 62368-1:2020+A11, Overvoltage Category II

Data in this document is subject to change without prior notice. Source data: Rev. 3, 2026-07-01.