

# Arktis Laser Product Datasheet

## Horizon Series Horizon Series Self-Levelling Alignment Laser

Laserglow Technologies™  
**H O R I Z O N**

### Arktis Laser Part Number: BALG8XXX

#### Similar Products:

For information about the other lasers in this product family visit:

<http://www.arktislaser.com/BALBAL>

#### Ordering:

Order Online Now or Request Quote:

<http://www.laserglow.com/BALG8XXX>



#### Overview:

The Horizon Green Pro 8 Line Laser - BALG8 is a self-levelling, multi-line laser level which generates very bright, highly visible green lines. The BALG8 is classified as a Cross & Line level instrument that generates four horizontal lines for 360 degree coverage & four vertical lines that create an overhead cross. A red downward pointing plumb dot can be used as a setting-out reference spot. This model is ideal for indoor use and can also be used outdoors with the included receiver.

#### Key Features:

- *Starting at: \$849*
- *Output Color: Green*
- *Expected Life: 10000 hours*
- *Projection Type: 4 Vertical, 4 Horizontal, 1 red plumb dot - 4V1H1D*
- *Key Feature: Projects green self-levelling lines for high precision interior and outdoor applications.*
- *Minimum achievable line thickness: 0.25 mm at 30 cm*
- *Package Includes: Self-levelling laser with carrying case, magnetic ceiling target and receiver.*

#### How It Works:

- The Multi-Line Horizon Series BALG8 is a multi-featured Cross Line Laser suitable for both Indoor & Outdoor use.
- Green light is three to five times more visible than red light, so this model is recommended for applications requiring **high visibility**.
- The BALG8 can be placed on any firm surface or mounted on our many laser accessories via its base 5/8" thread.
- The BALG8 has an electromechanical levelling system for maximum accuracy.
- When not in self-levelling range, the BALG8 indicates by flashing the laser beams On & Off. Once within self-levelling range, the unit stops flashing.
- The Laser has 4 horizontal & 4 vertical lines with one downward pointing red plumb dot, where the 4 vertical lines cross create an overhead cross.
- With a smooth horizontal rotating mechanism and fine adjustment knobs for convenience, the base enables you to set vertical line positions with ease.
- The Receiver is essential for outdoor use, but it can also be used indoors in bright conditions or where long range is required.
- The BALG8 operates with a rechargeable battery pack or 4 AA batteries.

#### Common Applications:

Carpentry, decking, electrical sockets, switches & lighting, suspended ceiling construction, flooring, foundations leveling, kitchen and bedroom fittings, machinery installation, painting & decorating, partitioning, shelving, shopfitting, stud walls, tiling, plumbing, and bi-fold doors installation.

## Specifications:

This spec sheet has been generated specifically for part number BALG8XXXX, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BALG8XXXX have been highlighted below in **red + bold**.

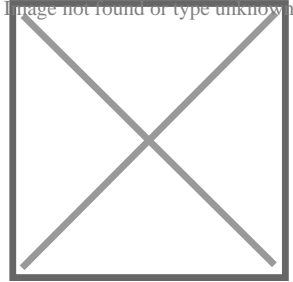
Number of Vertical Lines			<b>4</b>	1	4	4
Number of Horizontal Lines	1	1	<b>4</b>	1	1	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	<b>+/- 1.0mm / 10M</b>	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 10M
Projection Angle ( )	360 degree scan (horizontal or vertical)	360 degree scan (horizontal or vertical)		Horizontal >100 Vertical >120	Horizontal >100 Vertical >120	
Self-leveling range ( )	+/- 5	+/- 5	<b>+/- 3.5</b>	+/- 3	+/- 3	+/- 3.5
Plumb Dot	Yes	Yes	<b>Yes</b>		Yes	Yes
Overhead Dot	Yes	Yes				
Receiver Compatible	Yes	Yes			Yes	
Water Resistant	Yes	Yes				
Carrying Case Included	Yes	Yes	<b>Yes</b>	Yes	Yes	Yes
Can Run on AC Power	Yes	Yes	<b>Yes</b>			Yes
Tripod/Bracket Thread	5/8"-11	5/8"-11	<b>5/8"-11</b>	5/8"-11	5/8"-11	5/8"-11
Output Power (mW)	<5	<5	<b>&gt;10</b>	>10	>10	>10
IEC Safety Class	3R	3R	<b>2M</b>	2M	2M	2M
Standard Warranty (months)	6	6	<b>6</b>	6	6	6
MTTF (operational hours)	10000	10000	<b>10000</b>	10000	10000	10000
Power Source	4x C batteries	4x C batteries		2x AA batteries	4x AA batteries	4x AA batteries
Battery Life	12 hours	12 hours	<b>24 hours</b>	12 hours	12 hours	12 hours
Weight of Product or Laser Head (kg)	2	2	<b>1.61</b>	0.45	0.95	1.61
Dimensions of Product or Laser Head (mm)	160 (l) x 160 (w) x 185 (h)	160 (l) x 160 (w) x 185 (h)	<b>160 (l) x 140 (w) x 220 (h)</b>	92 (l) x 92 (w) x 130 (h)	116 (l) x 124 (w) x 170 (h)	160 (l) x 140 (w) x 220 (h)
Power Supply	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	<b>4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack</b>	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack

**Power Supply Options:**

The Horizon series of self-levelling alignment lasers are battery-operated. The BALR2 requires two alkaline or Ni-MH AA batteries. The BALR5 requires four alkaline or Ni-MH AA batteries. The BALG5 includes a rechargeable 4000 mAh lithium-ion battery pack, which is recharged via an included microUSB cable and wall adaptor. The BALG5 can also run on four alkaline or Ni-MH AA batteries.


**Regulatory Classification:**

The model you have selected (BALG8XXXX) requires the following safety label(s):



**Accessories:**

The most popular accessories for model BALG8XXXX are shown below. For additional details regarding these or other accessories please see our website or contact us directly.

Part Number	Description	
 ATP006XXX	1.2 Meter Elevator Tripod 5/8-11 Thread For Horizon Laser Levels Full Details: <a href="http://www.arktislaser.com/ATP">www.arktislaser.com/ATP</a>	

**FOR MORE INFORMATION PLEASE CONTACT:**

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E&OE: Data included in this sheet may be subject to change without notice.  
Please confirm critical specifications with our staff prior to ordering.