

# Laserglow Product Datasheet

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

## Horizon Series Horizon Series Self-Levelling Alignment Laser



### 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 BAL-BA4, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BAL-BA4 have been highlighted below in **red + bold**.

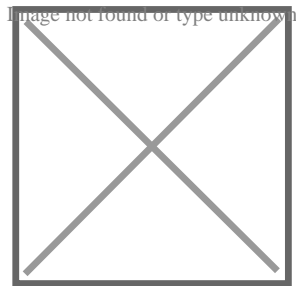
Number of Vertical Lines			<b>4</b>	1	4	4
Number of Horizontal Lines	1	1	<b>4</b>	1	1	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	<b>+/- 1.0mm / 10M</b>	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 10M
Projection Angle (°)	360 degree scan (horizontal or vertical)	360 degree scan (horizontal or vertical)		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 (BAL-BA4) requires the following safety label(s):



**Accessories:**

The most popular accessories for model BAL-BA4 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.laserglow.com/ATP">www.laserglow.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.