

Laserglow Product Datasheet

Laserglow Technologies™
H O R I Z O N

Horizon Series Horizon Series Self-Levelling Alignment Laser



Overview:

The Horizon Green Standard 5 Line Laser - BALG5 is a self-levelling, multi-line laser level which generates very bright, highly visible green lines. The BALG5 is classified as a Cross & Line level instrument that generates one horizontal & 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.

The BALG5 comes with a digital display and USB port for mobile-charging!

Key Features:

- *Starting at: \$499*
- *Output Color:* Green
- *Expected Life:* 10000 hours
- *Projection Type:* 4 Vertical, 1 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 BALG5 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 BALG5 can be placed on any firm surface or mounted on our many laser accessories via its base 5/8" thread.
- The BALG5 has an accurate, pendulum system for quick self-levelling.
- When not in self-levelling range, the BALR5 indicates by flashing the laser beams On & Off. Once within self-levelling range, the unit stops flashing.
- The Laser has one 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 BALG5 operates with a rechargeable battery pack or 4 AA batteries, and is the only model that comes with a digital display and USB charging option.

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-BA3, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to BAL-BA3 have been highlighted below in **red + bold**.

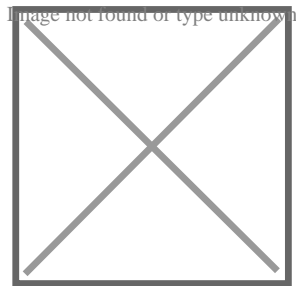
Number of Vertical Lines			4	4	1	4	4
Number of Horizontal Lines	1	1	1	4	1	1	4
Accuracy	+/- 1.0mm / 10M	+/- 1.0mm / 10M	+/- 1.0mm / 5M	+/- 1.0mm / 10M	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 10M
Projection Angle ()	360 degree scan (horizontal or vertical)	360 degree scan (horizontal or vertical)	Horizontal >100 Vertical >120		Horizontal >100 Vertical >120	Horizontal >100 Vertical >120	
Self-leveling range ()	+/- 5	+/- 5	+/- 3	+/- 3.5	+/- 3	+/- 3	+/- 3.5
Plumb Dot	Yes	Yes	Yes	Yes		Yes	Yes
Overhead Dot	Yes	Yes					
Receiver Compatible	Yes	Yes	Yes			Yes	
Water Resistant	Yes	Yes					
Carrying Case Included	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Can Run on AC Power	Yes	Yes		Yes			Yes
Tripod/Bracket Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Output Power (mW)	<5	<5	>10	>10	>10	>10	>10
IEC Safety Class	3R	3R	2M	2M	2M	2M	2M
Standard Warranty (months)	6	6	6	6	6	6	6
MTTF (operational hours)	10000	10000	10000	10000	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	24 hours	24 hours	12 hours	12 hours	12 hours
Weight of Product or Laser Head (kg)	2	2	1.13	1.61	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)	124 (l) x 116 (w) x 175 (h)	160 (l) x 140 (w) x 220 (h)	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	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	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-BA3) requires the following safety label(s):



Accessories:

The most popular accessories for model BAL-BA3 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: www.laserglow.com/ATP	
Image Coming Soon! BAMLG0XXX	Green Line Receiver for 5 Line Laser Levels Full Details: www.laserglow.com/BAM	Included With Laser
Image Coming Soon! ARLMCTXXX	Magnetic Ceiling Target for Laser Levels Full Details: www.laserglow.com/ARL	Included With Laser

FOR MORE INFORMATION PLEASE CONTACT:

LASERGLOW TECHNOLOGIES
99 Ingram Dr. Unit B, North York, ON, Canada M6M2L7
Tel. (416) 729-7976 Fax (716) 322-3510
sales@laserglow.com www.laserglow.com

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