

# Laserglow Product Datasheet

## Horizon Series Horizon Series Self-Levelling Alignment Laser

**Laserglow Part Number:  
BALGRXXXX**

### Similar Products:

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

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

### Ordering:

Order Online Now or Request Quote:

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

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



### Overview:

The BALGR Rotary Green Beam Laser Level offers a high-performance laser level package at a competitive price.

The green beam provides increased visibility. Ideal for outdoor jobs or large interior jobs where long distance measurements are required

The BALGR has proven to be reliable, durable and extremely accurate. This laser level package is ready to use right out of the box.

### Features

- Self-leveling in X-Y-Z direction with 2 motors.
- Visible rotating laser beam, horizontal scanning.
- Automatic shut off laser beam if out of leveling range, with unlevelled warning lamp and battery power warning lamp.
- Sealed structure for using in various weather conditions.
- Slope adjustment on x and y axis
- Accuracy checking

### Kit Includes:

- BALGR Rotary Laser Level
- Carry case
- 3500mAh NI-MH Battery Pack and charger
- Detector and bracket
- Remote
- Target
- Wallmount
- Dry-cell battery carrier (allowing regular batteries to be used)

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

Product	BALRR	<b>BALGR</b>	BALR2	BALR5	BALR8	BALG8
Output Color	Red	<b>Green (High Visibility)</b>	Red	Red	Red	Green (High Visibility)
Number of Vertical Lines			1	4	4	4
Number of Horizontal Lines	1	<b>1</b>	1	1	4	4
Accuracy	+/- 1.0mm / 10M	<b>+/- 1.0mm / 10M</b>	+/- 1.0mm / 5M	+/- 1.0mm / 5M	+/- 1.0mm / 10M	+/- 1.0mm / 10M
Projection Angle (°)	360 degree scan (horizontal or vertical)	<b>360 degree scan (horizontal or vertical)</b>	Horizontal >100 Vertical >120	Horizontal >100 Vertical >120	Horizontal 360 Vertical >120	Horizontal 360 Vertical >120
Self-leveling range (°)	+/- 5	<b>+/- 5</b>	+/- 3	+/- 3	+/- 3.5	+/- 3.5
Plumb Dot	Yes	<b>Yes</b>		Yes	Yes	Yes
Plumb Dot Color	Red	<b>Red</b>		Red	Red	Red
Overhead Dot	Yes	<b>Yes</b>				
Overhead Dot Color	Red	<b>Green</b>				
Receiver Compatible	Yes	<b>Yes</b>		Yes		
Water Resistant	Yes	<b>Yes</b>				
Carrying Case Included	Yes	<b>Yes</b>	Yes	Yes	Yes	Yes
Can Run on AC Power	Yes	<b>Yes</b>			Yes	Yes
Tripod/Bracket Thread	5/8"-11	<b>5/8"-11</b>	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Output Power (mW)	<5	<b>&lt;5</b>	>10	>10	>10	>10
IEC Safety Class	3R	<b>3R</b>	2M	2M	2M	2M
Standard Warranty (months)	6	<b>6</b>	6	6	6	6
MTTF (operational hours)	10000	<b>10000</b>	10000	10000	10000	10000
Power Source	4x C batteries	<b>4x C batteries</b>	2x AA batteries	4x AA batteries	4x AA batteries	Rechargeable battery pack
Battery Life	12 hours	<b>12 hours</b>	12 hours	12 hours	12 hours	24 hours
Weight of Product or Laser Head (kg)	2	<b>2</b>	0.45	0.95	1.61	1.61
Dimensions of Product or Laser Head (mm)	160 (l) x 160 (w) x 185 (h)	<b>160 (l) x 160 (w) x 185 (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)	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	<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	4 x AA batteries, 4 x C Batteries, 7.4 V 3100 mAh Li-ion Battery Pack

CW: All specifications are based on performance at full output power and after the specified warmup period. Output characteristics may change if the laser is run at a different power level.

Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a different frequency.

## Specifications Page 2:

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Laser Form Factor

## 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 (BALGRXXXX) requires the following safety label(s):



**Accessories:**

The most popular accessories for model BALGRXXXX 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:**

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