

Arktis Laser Product Datasheet

ForkLine



Series Specifications:

Nominal Wavelength	0 nm
Output Type	
Laser Source Type	

Overview:

Nearly half of all forklift related accidents involve pedestrians. Having a visible light projection around the forklift reduces or eliminates pedestrian accidents. The bottom line is reduced claims and increased efficiency.

Our Hazard Safety Products can help reduce or eliminate pedestrian related accidents in the workplace by projecting a highly visible warning line around moving material handling equipment. This is extremely effective in high-noise areas - where audible alarms can be drowned out, or where multiple alarms may confuse the pedestrian.

Key Features:

- *Output Power:* 25/40 mW
- *Fan Angle:* 100°
- *Expected Life:* 3000-5000 hours
- *Water Resistant:* IP68
- *Projection Type:* Line
- *Mounting:* Multiple 1/4-20 and M4 mounting points
- *Key Feature:* Projects highly visible red or green lines for high visibility applications.
- *Package Includes:* Laser (focused to infinity) mounted into enclosure with bracket

The Hazard Safety Projection Series was developed to address the safety concerns in warehouses, dock and loading areas, or any industrial workplace area where heavy mobile equipment shares workspace with pedestrians. These products were researched and developed by Laserglow in conjunction with some of the leading lighting manufacturers in the industry. Some of the products in this series are also ideal guidance systems for dock approach, load stacking and off-loading.

Specifications:

This spec sheet has been generated specifically for part number HFL-BW7, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to HFL-BW7 have been highlighted below in **red + bold**.

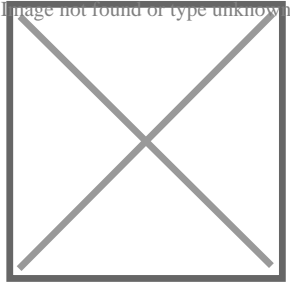
Output Power (mW)	5
IEC Safety Class	3R
Projection Fan Angle (°, full angle)	100
IP rating	68
Storage Temperature Range (°C)	-20 to 40
Max. TTL Modulation Freq. (Hz)	200
Modulation Input Signal	0-5 VDC
Standard Warranty (months)	6
MTTF (operational hours)	10000
Weight of Product or Laser Head (kg)	1
Dimensions of Product or Laser Head (mm)	150 (l) x 60 (w) x 60 (h)
Power Supply	3.0 VDC input

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.

Regulatory Classification:

The model you have selected (HFL-BW7) requires the following safety label(s):



Accessories:

The most popular accessories for model HFL-BW7 are shown below. For additional details regarding these or other accessories please see our website or contact us directly.

Part Number	Description	
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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.