

Arktis Laser Product Datasheet

CraneLine

Series Specifications:

Nominal Wavelength	0 nm
Output Type	
Laser Source Type	



Overview:

Instantly identify obstructions and overhang clearances to ensure a safe work area. Quickly determine your crane's load placement point from one location and easily know your reach-in/up distance. Improves crane tip visibility to help determine proximity to objects below or above the crane tip. Green is approximately 5 times more visible than red.

• Key Features:

- *Output Power:* 40 mW
- *Fan Angle:* 30°
- *Expected Life:* 3000-5000 hours
- *Water Resistant:* IP68
- *Projection Type:* Line
- *Mounting:* Multiple 1/4-20 and M4 mounting points
- *Key Feature:* Projects highly 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 HCL-BW1, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to HCL-BW1 have been highlighted below in **red + bold**.

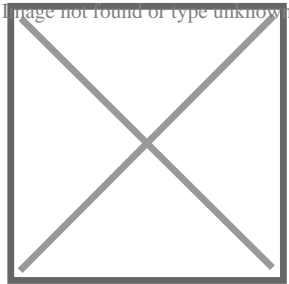
Output Power (mW)	40
IEC Safety Class	3R
Projection Fan Angle (°, full angle)	36
IP rating	68
Storage Temperature Range (°C)	-20 to 40
Max. TTL Modulation Freq. (Hz)	200
Modulation Input Signal	0-5 VDC
Standard Warranty (months)	6
MTTF (operational hours)	10000
Weight of Product or Laser Head (kg)	1
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 (HCL-BW1) requires the following safety label(s):



Accessories:

The most popular accessories for model HCL-BW1 are shown below. For additional details regarding these or other accessories please see our website or contact us directly.

Part Number	Description	
 ADB002XXX	ADB-deluxe Brightline Deluxe Mounting Bracket V2 Full Details: www.arktislaser.com/ADB	
 ABF05A3WX	ABF-N.American Brightline Premium 5V Power Supply (80-260 VAC, N. American plug) 3A w/WP connector For Brightline Premium Only Full Details: www.arktislaser.com/ABF	
 HSTCRB1XX	Smart Trigger kit with Retroreflective Beam Break Sensor 30 meter range Retroreflector included Full Details: www.arktislaser.com/HST	
 HSTCRMIXX	Smart Trigger kit with Indoor Motion Detection Sensor Full Details: www.arktislaser.com/HST	
 HSTCRPBXX	Smart Trigger Kit Push Button Controller Full Details: www.arktislaser.com/HST	

FOR MORE INFORMATION PLEASE CONTACT:

Arktis Laser
112 Elizabeth St, Unit 5-331, Toronto, ON, Canada M5G 1P5
Tel. (416) 886-1178 Fax (647) 874-7129
sales@arktislaser.com www.arktislaser.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.