

Brightline™ Pro Line Projecting Laser



Overview:

The Brightline Pro Series of Lasers are ideal for any application where highly visible projections, such as lines and dots, need to be projected onto a surface

Key Features:

- Output Power: <5 mW
- Expected Life: 3000-5000 hours
- Key Feature: Projects a highly visible focus-adjustable projection for high precision applications.
- Machined Aluminum Casing

Regulatory Classification:

This model requires the following safety label(s):



LASERGLOW.COM LIMITED, 873 St. Clair Ave W, Toronto, ON, Canada M6C 1C4

Accessories:

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

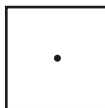
Part No.	Description	
 ADB002XXX	ADB-deluxe Brightline Deluxe Mounting Bracket V2. Full Details: www.laserglow.com/ADB	Included with Laser
 ABF00AXXX	ABF-N.American Brightline 3V Standard Power Supply (80-260 VAC, N. American plug) Full Details: www.laserglow.com/ADB	Included with Laser

SKU GUIDE

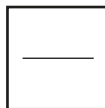
B	L	G	005	XXX
SERIES B: BrightLine	PROJ. TYPE D: Dot L: Lines	COLOR C: Cross O: Pattern G: Green P: Red	POWER 005: 05mw	PROJ. IMAGE

Projection Types:

Projection Type:



Dot (D)



Line (L)

Available Colors:

Red / Green

Red / Green

Laser Form Factor:

B3 / B1

Laser Source Type:

Diode / DPSS

Image Type :

BDG005XXX
BDP050XXX

BLR0005XX
BLP0050XX

IEC Safety Class:

3R

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Projection Fan Angle:

x

100°

Projection Lens:

x

Cylindrical

Beam Dimensions (mm, 1/e²) :

7 / 4

Divergence (mrad, full angle):

<0.3 / <0.1

Minimum Achievable Beam Diameter:

0.5 mm at 0.3 m / 0.25 mm at 0.3 m

Total Power Consumption (W):

1 / 2

Operating Temperature Range (°C):

-10 to 40 / 10 to 35

Dimensions (mm):

73 (l) x 20 (d) / 80 (l) x 20 (d)

Common Specifications:

Output Type:

CW

Output Power (mW):

<5

Output Power Stability (%RMS/4h) :

<20

MTTF (Operational Hrs.)

5000

Central Wavelength:

635nm

Divergence (full angle):

<1 mrad

Max Power Input Duty Cycle:

100%

Cooling Method:

Passive Air

Power Supply:

3 VDC

Transverse Mode:

Near TEM00

Longitudinal Modes:

Multiple

Standard Warranty (Months)

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www.laserglow.com

For more information please contact:

LASERGLOW TECHNOLOGIES

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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.