



Brightline™ Economy Line Projecting Laser

Overview:

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

Key Features:

- Output Power: 5 mW
- Expected Life: 3000-5000 hours
- Key Feature: Projects as a reference point at an economical price.
- Package Includes: Laser module, aluminum casing with tripod mount, plastic carrying case, instructions/warranty (standard power supply and mounting bracket included).
- Casing: Machined Aluminum

Regulatory Classification:

This model requires the following safety label(s):



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

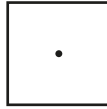
Accessories:

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.

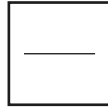
Part No.	Description	
 ADB002XXX	ADB-deluxe Brightline Deluxe Mounting Bracket V2. Full Details: www.laserglow.com/ADB	Included with Laser
 ABF00AXXX	ABF-N.American Brightline 3V Standard Power Supply (80-260 VAC, N. American plug) Full Details: www.laserglow.com/ADB	Included with Laser

Projection Types:

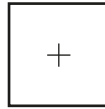
Projection Type:



Dot (D)



Line (L)



Cross (C)

Available Colors:

Red / Green

Red / Green

Red / Green

Laser Form Factor:

B5

B6

B4

Beam Dimensions (mm, 1/e²):

3

4

4

Image Type :

BDR005XXX

BLR0050XX

BCR005XXX

IEC Safety Class:

3R

2

2

Projection Fan Angle:

x

100°

60°

Projection Lens:

x

Cylindrical

Cylindrical

Weight (g):

60

100

60

Dimensions (mm):

32 (l) x 12 (d)

32 (l) x 12 (d)

56 (l) x 16 (d)

Common Specifications:

Laser Source Type:

Diode

MTTF (Operational Hrs.)

5000

Central Wavelength:

635nm

Divergence (full angle):

<1 mrad

Operating Temp. Range (°C)

-10 to 40

Cooling Method

Passive Air

Power Supply:

3 VDC

Total Power Consumption (W)

1

Max. Power Input Duty Cycle

100%

IP Rating

67

Output Type:

CW

Output Power:

<5mw

Output Power Stability:

<20 (%RMS/4h)

Transverse Mode:

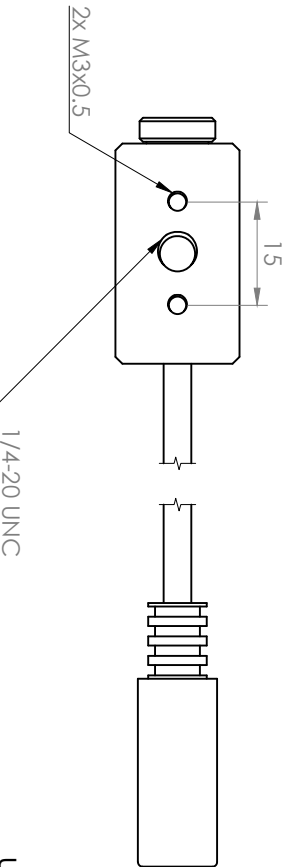
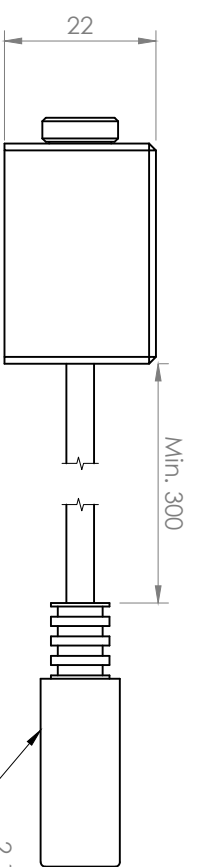
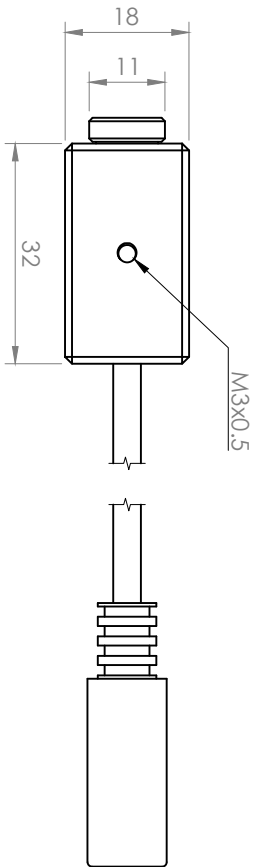
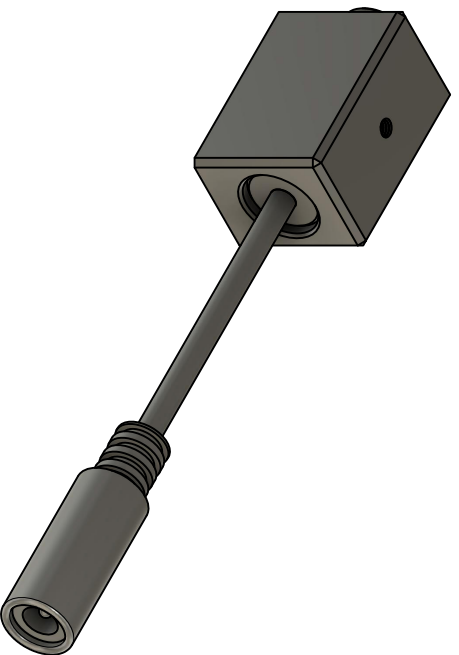
Near TEM00

Longitudinal Modes:

Multiple

Standard Warranty (Months)

6



2.1mm Female DC Barrel Jack Connector for Power

UNITS: MM

SHEET SIZE: A4

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UNLESS OTHERWISE SPECIFIED:	SIGNATURE	DATE		
1. DO NOT SCALE DRAWING	DRAWN BY: ARJUN M.	06/10/2023		
2. DEBURR AND BREAK SHARP EDGES	CHECKED BY:			

3. SURFACE TREATMENT PER NOTES	APPROVED BY:		PART NAME: BRIGHTLINE ECO ASSEMBLY
TOLERANCE	SCALE: 1:1	MATERIAL: NA	DRAWING NO.:

.x .xx .xxx ANGLE	TOL: +/- 0.1 TOL: +/- 0.05 TOL: +/- 0.030 0.5 DEG	THIRD ANGLE PROJECTION	SHEET: 1/1	REV:	REV DATE:
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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.