



Virtualign Laser Product Datasheet

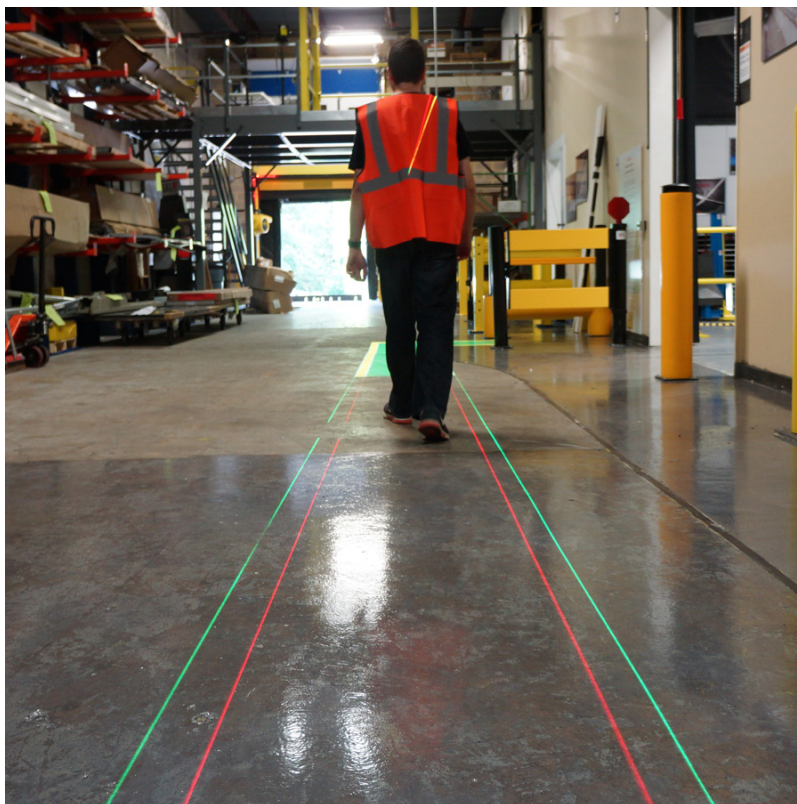
Part numbers:

Red Line: LG-HSL0809RX

Green Line: LG-HSL0809GX

Overview:

In high-performance environments, heavy equipment and machinery operate in close proximity to pedestrians, which has the potential for accidents. It is essential for pedestrian safety that a clearly visible pedestrian walkways, aisles, or lanes be defined to permit safe movement of pedestrians within the facility. Floor tape and paint lines serve an important role in the workplace, but in tough industrial environments, they often require a lot of maintenance.



VirtualLine Lasers create an indestructible floor line that eliminates the need for maintenance, changing the way you handle floor marking in your facility. VirtualLine is a plug and play industrial laser line striping system with broad application within an Industrial environment. VirtualLine replaces the need for traditional paint and tape for striping walkways, cordoning off dangerous or "off limits" areas as well as provide docking assistance for trucks and heavy machinery.

The VirtualLine creates bright floor lines in locations where high traffic or uneven floors make traditional floor marking methods difficult. This unique floor marking method uses a high-intensity laser to project a line onto any surface, indoors or outdoors. Using the VirtualLine, you can easily mark boundaries of workspaces or be paired with a second unit to create walkways, aisles or traffic lanes with two lines. This lightweight, flexible yet IP67 rated durable unit, is easy to set up and requires little maintenance, so you won't need to worry about replacing or repairing floor tape and floor paint anymore. Plus, the VirtualLine unit comes with a 2-year manufacturer warranty.

Key Features

- Projects a high-intensity laser line on any surface
- *Available Projection Colors:* Red, Green
- *Projection Type:* Line
- *IEC Safety Classification:* 3R (no additional safety eyewear required)
- *Package Includes:* Laser mounted in block, adjustable mounting bracket for easy positioning of projection onto a surface, and 110/240V AC power supply
- *Casing:* Machined Aluminum anodized Red
- *Water and Weather Resistance:* IP67
- *Operating Temperature Range:* 0° to 120°F (-20°C to 50°C)
- *Warranty:* 2-year manufacturer warranty

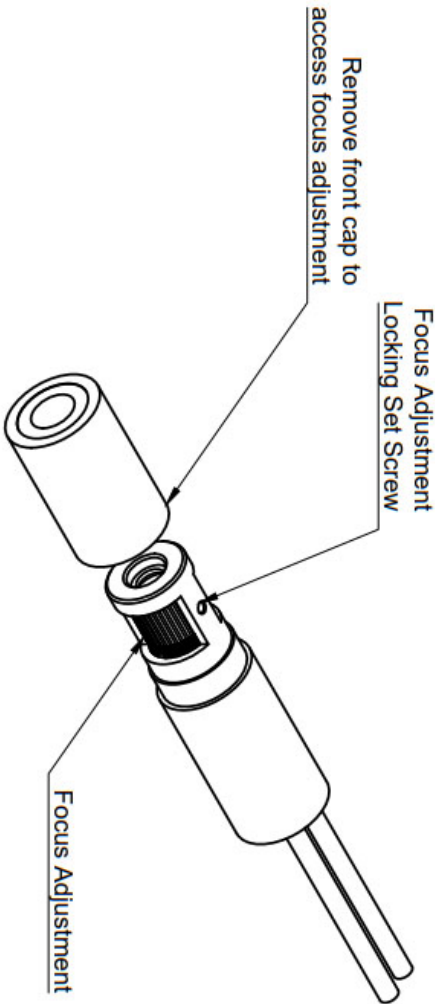
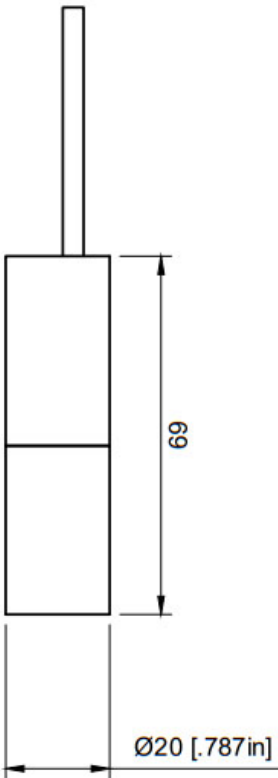
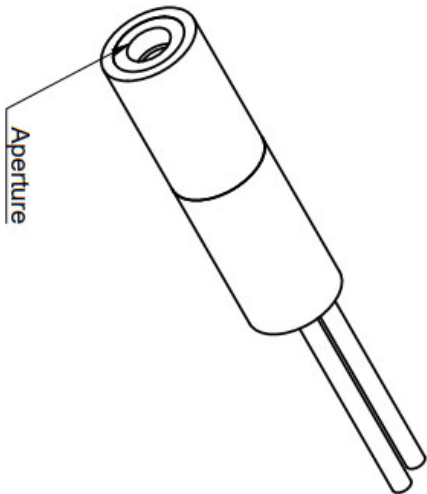
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All specifications are based on performance at full power. Output characteristics may change if the product is run at reduced power.

* Other projection angles are available upon request. Contact our sales team if your application requires different projection angles.

VirtualLine Laser Photometrics																				
Model	Power	Fan Angle	Beam Mult.	Value	PROJECTION DISTANCE IN FEET (ft)															
					3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300
VirtualLine Laser Green	65mW	90°	2.00	Length (ft)		12.0	18.0	24.0	30.0	40.0	48.0	60.0	72.0	84.0	128.0	176.0	224.0	272.0		
				Brightn.(fc)		2212	983	553	354	199	138	88	61	45	19	10	6	4		
VirtualLine Laser Red	65mW	90°	2.00	Length (ft)		12.0	18.0	24.0	30.0	40.0	48.0	60.0	72.0	84.0	128.0	176.0				
				Brightn.(fc)		744	331	186	119	67	47	30	21	15	7	3				
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How to Read the Illumination Values																				
Foot Candles (ft)	For a quick overview, the illumination values in the tables are color coded. There are many factors that determine the visibility of a projection, such as ambient light, color and reflectiveness of the projection surface, competing light, gobo colors, projector color temperature, and other factors. Therefore our recommendations should only be used as guidelines and we cannot guarantee a successful application. If you are unsure, please call us to discuss.																			
300+	Extreme brightness for extremely bright environments, i.e. bright areas, additionally flooded with daylight, such as Lobby-, Retail-, Trade Show-, Environment. Outdoors (shady, no direct sunlight).																			
150-300	Very high brightness for very bright environments, such as light flooded Office-, Lobby-, Retail-, Trade Show-, Environment.																			
45-150	The most common brightness bracket for bright environments, such as Office, Lobby, Retail, Tradeshow. Outdoors extremely bright at night.																			
15-45	Sufficient brightness for environments, such as Bars, Clubs, and Intimate Restaurants, Theaters, and dimmed Conference rooms. Outdoors well visible at night.																			
15-2	Only advisable for dark environments and subtle projection of light colored artwork, preferably on light, reflective projection surface. If all conditions are met, the max. listed image distance/size can be doubled in most cases.																			
Metric Conversions: For Meters multiply feet by .305. For Lux multiply footcandles by 10.76																				






Dimensional Drawing - Laser Form Factor: B9:



Title		Laserglow Technologies	
Brightline Premium		Dimensions are in mm [inch]	
Rev.		The information contained in this drawing is the sole property of Laserglow Technologies. Any reproduction in part or as a whole without the written permission of Laserglow Technologies is Prohibited.	

Accessories:

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

Part Number	Description	
 LG-ABB000XXX	ABB-standard Brightline Standard Mounting Bracket	
 ALG-BC2SWXXX	Premium Y-Splitter Cable with Waterproof connectors	
 LG-HSTCRMIXX	Smart Trigger kit with Indoor Motion Detection Sensor	
 LG-ABF05A3WX	ABF-N.American Brightline Premium 5V Power Supply (80-260 VAC, N. American plug) 3A w/WP connector For Brightline Premium Only	
 LG-ADB000XXX	ADB-deluxe Brightline Deluxe Mounting Bracket (included with laser)	

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.