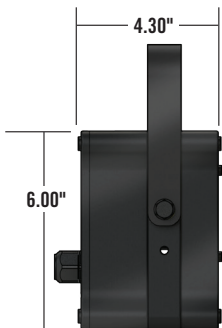
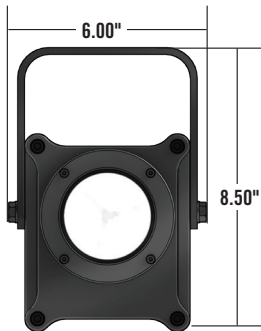


# 300-WATT INSPECTION STROBE



## 300-Watt Inspection Strobe

The 300-Watt Inspection Strobe is an LED strobing fixture specifically designed for inspection and surface defect detection. The strobe has a 2-microsecond response time, the fastest in the industry. The Strobe's proprietary LED single source produces a staggering 38,000Lm in a compact fixture size. It is the ideal fixture for industrial applications in harsh environments. The 300-Watt Inspection Strobe is proudly designed, built and manufactured in the USA using only the highest quality components.



Weight: 6.7 lbs.

LED	
Watts	300W
Initial Lumens	38,000 lm Minimum
Color Temperature	6500k

Electrical	
Inputs	Single Sealed Deutsch DT3 Connector on Weatherproof Shielded Cable
Signal Input	Reverse Logic with 5.5V Trigger
Power Input	24V DC
Minimum Power Supply	Minimum 300W for full functionality, recommended supplies include Meanwell HLG-320-24 and Meanwell SDR-480P-24
Operational Frequencies	10Hz - 240Hz; Tested 30Hz, 60Hz, 120Hz, 240Hz
Duty Cycle	1% up to 10%
Circuit System Response Time	2 Microseconds (Measured)

Control	
Chip Design	Proprietary High Efficacy Chip Design with 1 Microsecond Response Diodes

Environmental	
Temperature Protection	Current Limiting Real Time with Borosilicate Sealed Glass Front for High Temperature Exposure
Maximum Ambient Temperature without Additional Cooling	46C with Unit Positioned in Vertical Alignment and Running at 10% Duty Cycle
Cooling	Constant source, clean, shop or vortex cooled air only. Two #GJIC plugs provide cooling. The front plug is inlet, rear plug is outlet. Air knife is positioned above the LED to provide direct cooling of unit as air passes over capacitor network. Use JIC pipe connections only and ensure unit is fully sealed.

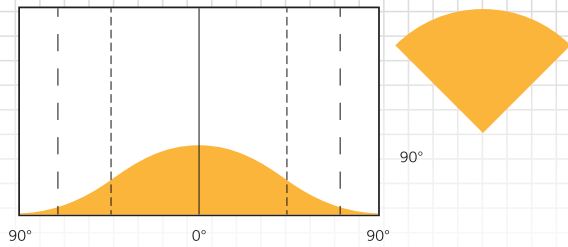
*Due to continuous improvements and innovations, specifications may change without notice.*



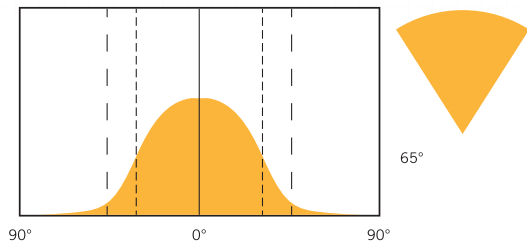
# 300-WATT INSPECTION STROBE



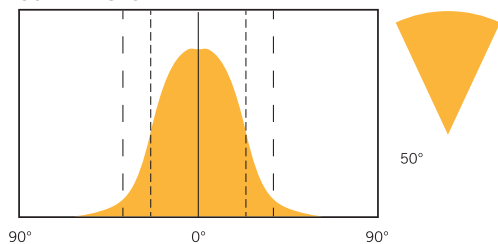
No Lens



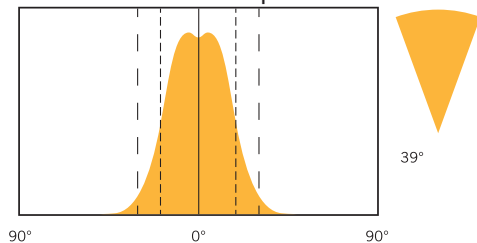
100mm Lens



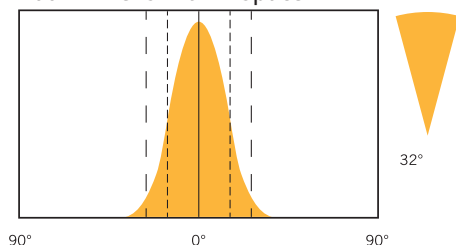
60mm Lens



60mm Lens with 0.5" Spacer



100mm Lens with 1" Spacer



Mechanical	
Dimensions	4.3" x 6.0" x 8.5"
Weight	6.7 lbs.
Material	Aircraft Grade AL6061-T6 Aluminum CNC Machined for Precision Fit and Stainless Steel Hardware with Hot Dipped Black Oxide Coat
Finish	Black Powder Coated

Listings	
Ingress Protection (Measured by UL)	IP67 Compliant. Design includes Oil Resistant EPDM O-Rings
L70 Lumen Maintenance	50,000 Hours
Emissions and Immunity Standards (Measured by UL)	CISPR 11 Class A, EN55011, EN61000-6-1, EN61000-6-3, EN61000-4-2, EN61000-4-3, EN61000-4-8
Certifications	CE
Designed, Engineered and Built in U.S.A.	

Optional Accessories and Customization	
Chips	Blue Chip 460nm
	IR Chip 850nm
	6500K 97 CRI White
Optics	32° Angle
	39° Angle
	50° Angle
	65° Angle
	90° Angle
	Custom to Specifications
Optic Extender Tubes	0.5", 1.00"
Water Cooling Jacket	
Heat Reflective Glass	
Power Supply Holding Bracket - HLG-H320-24	
Custom RAL Colors	

*Due to continuous improvements and innovations, specifications may change without notice.*

## Warranty

Items are covered for defects in materials and workmanship for two years, including repair parts and repair labor on defective item, from date of the manufacturer invoice. The warranty covers freight for 30 days after initial purchase. The manufacturer does not cover any other loss resulting from product failure. Products being returned for warranty repair must display the original serial number. Removal of the serial number voids the product's limited warranty.

