STROBO

VR STROBE IR LAMP

VISIOROBOTICS

Beyond imaging

SEIZE THE MOTION

The Strobe acquisition technology is designed to capture still images of fast-moving objects, by controlling strong flashes of light and synchronizing camera acquisition.

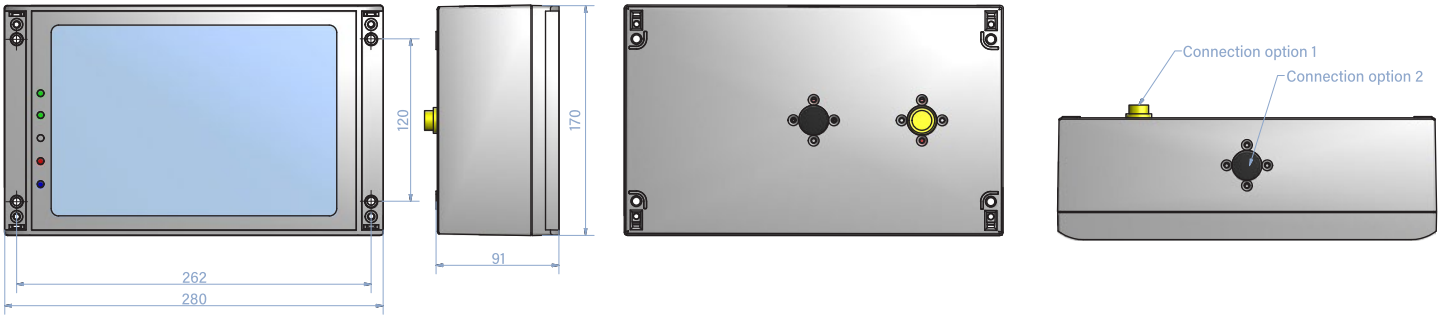
Traditional strobe system lamps rely on intense high-frequency visible light bursts to ensure system efficiency, potentially overwhelming the operator.

Our IR Strobe Lamp bypasses this problem.

The VR STROBE IR lamp is manufactured with a 21x14 single-source infrared LED matrix configuration.

This ensures controlled attainment of high light intensity and effective operation, providing a more comfortable experience while maintaining sharp still images of objects in motion. The VR STROBE IR LAMP case has been engineered specifically for industrial purposes and environment: robust and compact, it can be easily installed.

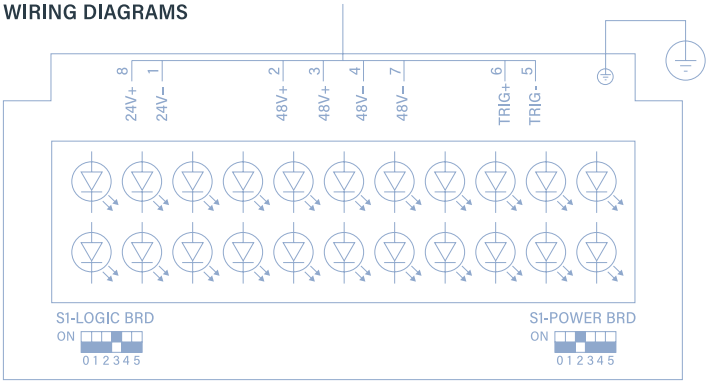
DATASHEET



LAMP SPECS

TYPE	VR_STROBO_IR
DEVICE DESCRIPTION	IR EMITTER
FOOTPRINT DIMENSIONS	280 mm (L) x 170 mm (W) x 91 mm (H)
POWER SUPPLY	24 VDC – 48 VDC
ABSORPTION	1A - 24 VDC / 4A - 48 VDC
LIGHT EMITTING SURFACE	211 mm (L) x 141 mm (W)

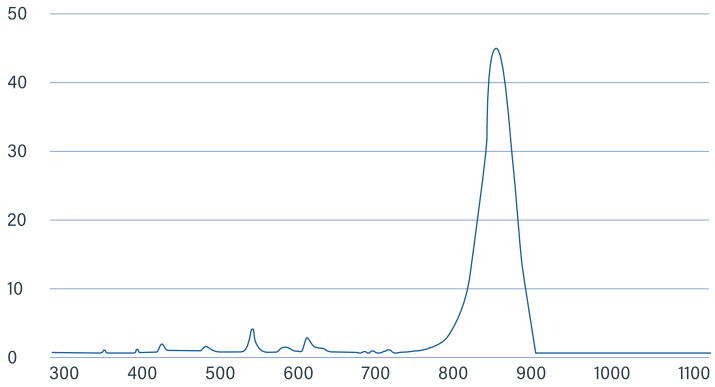
WIRING DIAGRAMS



VRSN00408-002 / VR-STRB-IR-3.5-KW-850

LIGHT SOURCE	21 (L) X 14 (H) SINGLE LED SOURCES
SECONDARY OPTIC	MINIATURE LENS
TIME ON RANGE	[10-80] µs
TIME ON STEP	10 µs
EMITTED WAVELENGTH	850 nm

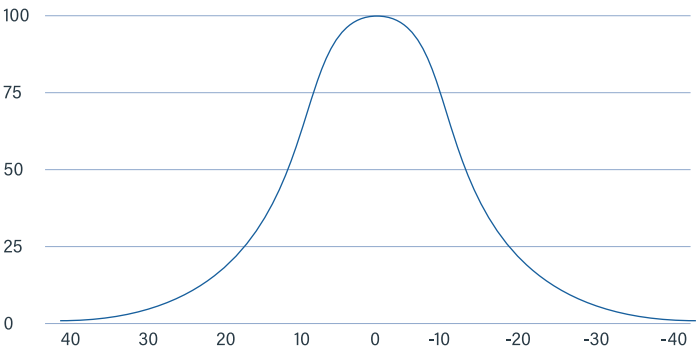
IRRADIANCE



MINIATURE LENS SPECS

DIMENSIONS	Ø 9.9 mm
HEIGHT	6.8 mm

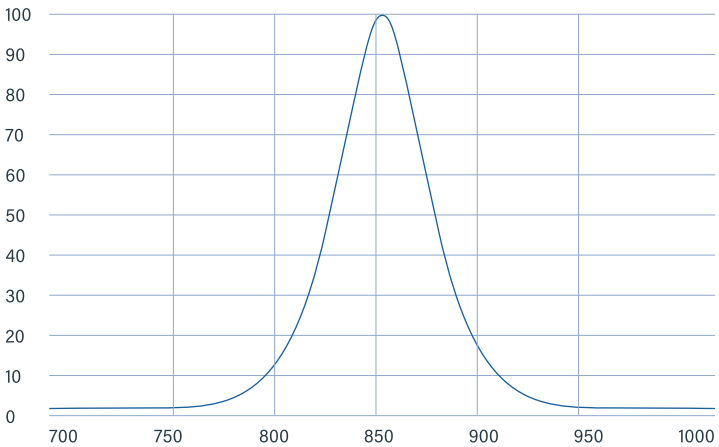
RELATIVE INTENSITY (%)



SINGLE LED SPECS

FORWARD CURRENT	5 A
FORWARD VOLTAGE	2.6V
WAVELENGTH (λ)	850 nm
DIMENSIONS	3.85 mm (L) x 3.85 mm (W) x 2.24 mm (H)

RELATIVE RADIANT INTENSITY (%)



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