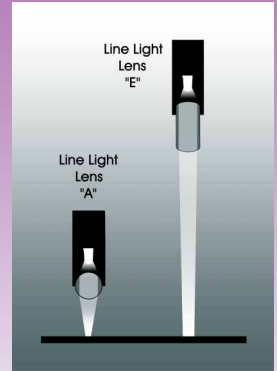


# LL2912 Line Light

- Ideally suited for use with line-scan cameras.
- 75mm of very intense illumination.
- Available in a range of working distances and line widths. See table below.

LL2912E-WHI  
(shown)

	Lens Type A	Lens Type B	Lens Type D	Lens Type E
Working Distance	25mm (1")	50mm (2")	75mm (3")	125mm (4")
Line Width	6mm (.24")	9.5mm (.37")	13mm (.51")	16mm (.62")



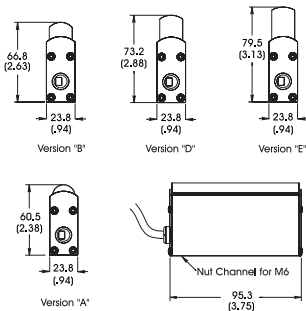
Light Function Diagram

## Label inspection

Although line lights are generally used with line scan cameras, they can also be used with standard vision systems. In this inspection, the object was to check print quality and detect missing labels. Increasing the working distance from the sample in order to generate a wider line, our LL2912E provides a window of light the right size to inspect address labels.



Acquired Solution Image



DIMENSIONS ARE IN MILLIMETERS (INCHES)

Standard Product Maximum illumination	Working Distance	Watts/cm <sup>2</sup>	Lux
Constant Current (Lens A)	25mm	7 mw	17,000
Strobed (100µs) (Lens A)	25mm	140 mw	340,000

General Specifications	
Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime*	5,000 hrs
Product weight	290.3 g 10.2 oz

Standard Variation Current Specifications	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	(RGB)	
@ 12v	N/A	N/A	60	60	90	60	N/A	N/A	mA
@ 24v	40	40	40	40	30	30	40	N/A	mA

\*Red LED (660nm) option = 100,000 hrs

## Part Number Designation

**Standard Product** *SHIPPED NEXT DAY*

Part Number: LL2912A-WHI (Configured for use with Ai Power Supply)

**Standard Product Variation** *SHIPPED WITHIN TWO WEEKS*

**Custom Product** *SHIPPED WITHIN SIX WEEKS*

LL2912	Lens Type	Spectral wavelength	Optional power Compatibility	LL2912	Lens Type	Spectral wavelength	Optional power Compatibility
	X	-	XXX XX				
	A	(blue) 470 †	12		B	(blue) 470 †	12
	E	(green) 520 †	24		D	(green) 520 †	24
		(yellow) 590				(yellow) 590	
		(orange) 625				(orange) 625	
		(red) 660				(red) 660	
		(infra-red) 880				(infra-red) 880	
		(white) WHI †				(white) WHI †	
		(all color) RGB †				(all color) RGB †	

† Not available in 12v

Have a question?  
Call us @ 802.767.3830 or FAX @ 802.767.3831