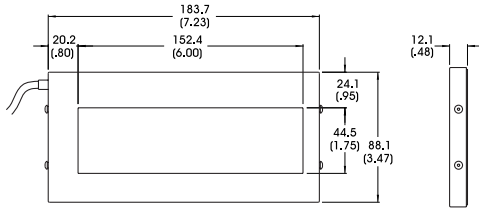




BL2850 Backlight

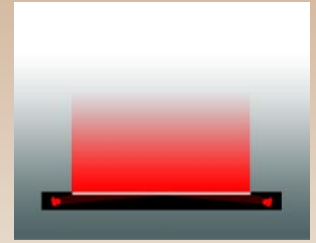


BL2850-660
(shown)



DIMENSIONS ARE IN MILLIMETERS (INCHES)

- 44mm x 150mm area of illumination.
- Low profile housing.
- Designed to provide illumination for small objects where significant magnification is required for inspection.



Light Function Diagram

Metal Tubing Inspection

The object of this inspection is to constantly monitor the diameter of tubing as it comes off the production line. The BL2850, providing a long, narrow area of light, was chosen for its size and quality of light.



Acquired Solution Image

Standard Product Maximum Illumination

	Working Distance	Watts/cm ²	Lux
Constant Current	@ surface	550 μW	600
Strobed (100μs)	@ surface	11 mW	12,000

General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65C°
Standard product lifetime	100,000 hours
Product weight	413.7g 14.6 oz

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	160	160	340	350	N/A	mA
@ 24v	160	160	120	120	110	140	160	mA

Part Number Designation

Standard Product *SHIPPED NEXT DAY*

Part Number: **BL2850-660** (Configured for use with Ai Power Supply)

Standard Product Variation *SHIPPED WITHIN TWO WEEKS*

	Spectral wavelength	Optional power Compatibility
BL2850	-	XXX XX
	(blue) 470 †	12
	(green) 520 †	24
	(yellow) 590	
	(orange) 625	
	(red) 660	
	(infra-red) 880	
	(White) WHI †	

†Not available in 12v

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