

BL1960 Backlight

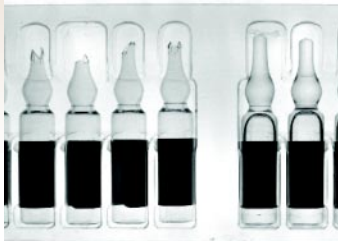


Light Function Diagram

- 100mm x 100mm area of illumination.
- Low profile housing.
- Designed to provide illumination for small objects where significant magnification is required for inspection.



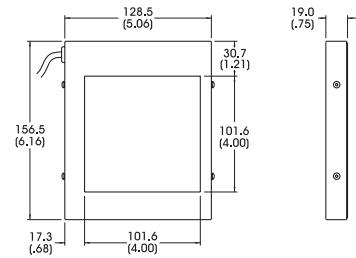
BL1960-660
(shown)



Acquired Solution Image

Glass Vial Inspection

Vision system measuring tools detect broken or poorly formed glass vials as they pass over the BL1960.



DIMENSIONS ARE IN MILLIMETERS (INCHES)

General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65C°
Standard product lifetime	100,000 hours
Product weight	579.7g 20.5 oz

Standard Product Maximum Illumination

Constant Current
Strobed (100µs)

Working Distance

@ surface
@ surface

Watts/cm²

445 µW
8.9 mW

Lux

535
10,700

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	240	240	360	420	N/A	mA
@ 24v	240	240	120	120	180	240	240	mA

Part Number Designation

Standard Product *SHIPPED NEXT DAY*

Part Number: **BL1960-660** (Configured for use with Ai Power Supply)

Standard Product Variation *SHIPPED WITHIN TWO WEEKS*

Spectral wavelength		Optional power Compatibility	
BL1960	-	XXX	XX
(blue)	470 †		12
(green)	520 †		24
(yellow)	590		
(orange)	625		
(red)	660		
(infra-red)	880		
(White)	WHI †		

† Not available in 12v