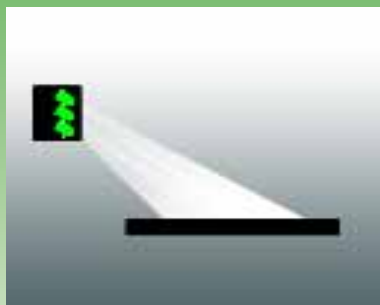


AL4554 Broad Area Linear Array

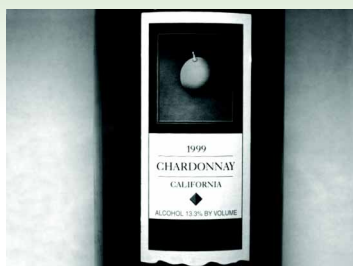


Light Function Diagram

- Provides very even illumination along the 246mm length of the light, with controlled "fall off" in the transverse direction.
- Designed to provide low angle of incidence illumination over a long, wide area.
- Applications requiring very even illumination over a wider area can utilize two BALAs aligned parallel to and facing each other.



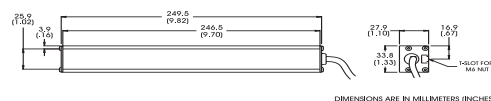
AL4554-660
(shown)



Acquired Solution Image

Label Placement Inspection

The curved surface of the bottle offers a challenge for inspecting label placement, print quality, and correct label type. By placing one BALA on either side of the bottle, the lights are positioned so their illumination areas overlap slightly in the middle - thereby eliminating hot spots. A white background was used to create a definite starting line for measuring label placement.



General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	480.8 g 17.0 oz

Standard Product Maximum illumination

Working Distance	Watts/cm ²	Lux
Constant Current	3.8mw	3,100
Strobed (100µs)	76mw	62,000

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	180	180	270	390	N/A	mA
@ 24v	180	180	120	120	180	225	180	mA

Part Number Designation

Standard Product **SHIPPED NEXT DAY**

Part Number: **AL4554-660** (Configured for use with Ai Power Supply)

Standard Product Variation **SHIPPED WITHIN TWO WEEKS**

Spectral wavelength	Optional power Compatibility
AL4554 - XXX	XX
(blue) 470†	12
(green) 520†	24
(yellow) 590	
(orange) 625	
(red) 660	
(infra-red) 880	
(white) WHI†	

† Not available in 12v