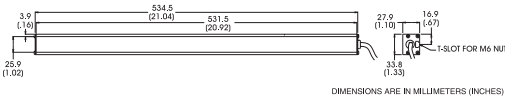




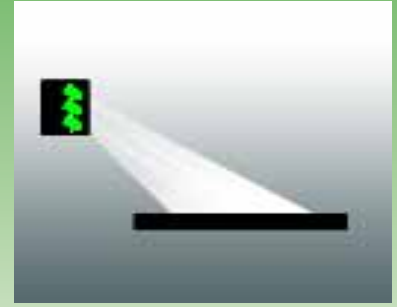
# AL46120 Broad Area Linear Array



AL46120-660  
(shown)



- Provides very even illumination along the 531 mm 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.



Light Function Diagram

## AL46120

Inspecting bottles after they have been placed in a box for shipping, two AL46120s are placed on opposite sides of the of the inspection site. Checking for missing bottles, cap color uniformity, and for broken or missing caps, the 524mm lights allow inspection of the entire case at the same time rather than in stages.



Acquired Solution Image

Standard Product Maximum illumination	Working Distance	Watts/cm <sup>2</sup>	Lux
Constant Current	25mm	3.8 mw	2,800
Strobed (100µs)	25mm	76 mw	56,000

Standard Variation Current Specifications	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
	@ 12v	N/A	N/A	480	480	720	800	N/A
@ 24v	420	420	240	240	360	480	420	mA

General Specifications	
Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	633.53 g 22.37 oz

## Part Number Designation

**Standard Product** ***SHIPPED NEXT DAY***

**Part Number:** AL46120-660 (Configured for use with Ai Power Supply)

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

AL46120	-	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