

TECHNIQUIP AREA BACKLIGHT

The linear backlight provides an ideal solution for machine vision applications that require uniform backlighting. The aperture backlight is best suited for linescan vision applications, such as through-hole inspection, edge detection or any application that require a high contrast silhouette of an object. The housing of the linear backlight is manufactured by using compact, high quality aluminum to provide years of carefree service. The backlights are supplied with a 0.66 N.A. glass fiber Light Guide which can interface to all of Techniquip 150 watt halogen illuminators. Four different lengths, which range from 2" to 8", are available with the linear backlight, and a standard aperture width $\varnothing 0.5"$ for all sizes.



Features

- Low profile
- Rugged aluminum housing
- Excellent uniformity
- 0.66 N.A. bundle

Specifications

Spectral Response:	400nm to 800nm
Fiber Type:	0.66 N.A. (82° acceptance cone)
Fiber Size:	$\varnothing 0.002"$ (50 micron)
Temp Rating:	-40°C to 107°C (-40°F to 225°F)

Part #	Cable Length	End Tip Dia.	Dimensions	Field of View
AL25048M-02*	48"	0.25"	0.75" x 2.78"	0.5" x 2"
AL25048M-04*	48"	0.25"	0.75" x 4.78"	0.5" x 4"
AL38048P-06**	48"	0.375"	0.75" x 8.5"	0.5" x 6"
AL38048P-08**	48"	0.375"	0.75" x 10.5"	0.5" x 8"

* PVC covered monocoil

** PVC covered metal hose

