

# LINEMAN : ALM-638180-AAF001

## Absolute maximum ratings

Item	Rating
Output power	47mW
Reverse voltage	2V
Operating temperature * )	-10°C to 50°C
Storage temperature * )	-20°C to 60°C

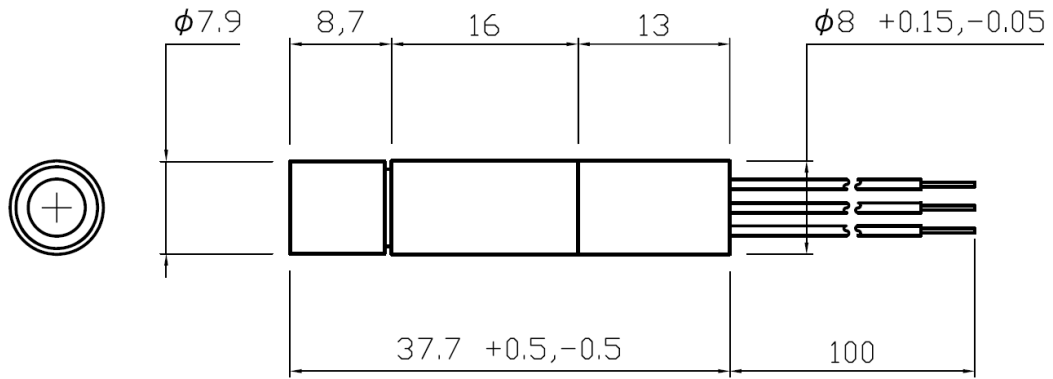
\* ) Housing temperature

## Electrical and optical characteristics (T housing=25°C)

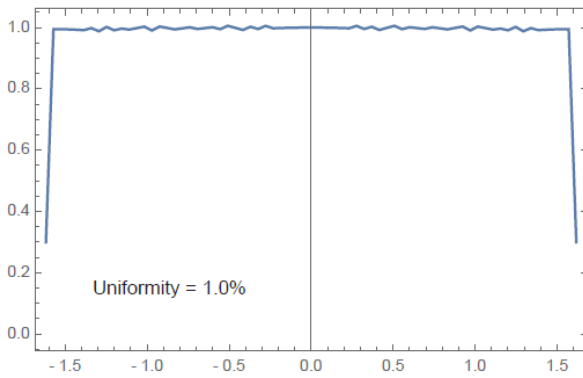
Item	Min.	Typ.	Max
Fan angle		10°	
Focal distance		12mm	
Line length		3.1mm	
Wavelength	635nm	638nm	643nm
Output power			42mW
Operating voltage	4.0V	5.0V	5.5V
Operating current		235mA	300mA
Line width at 12mm (1/e <sup>2</sup> )		3.0μm	
Line uniformity			5%
Line straightness			0.1%



## Housing Dimension (mm)



## Line uniformity



## Line width at Focal distance

