

# LINEMAN : ALM-830200-JCF001

## Absolute maximum ratings

Item	Rating
Output power	86mW
Reverse voltage	2V
Operating temperature * )	-10°C to 50°C
Storage temperature * )	-20°C to 60°C

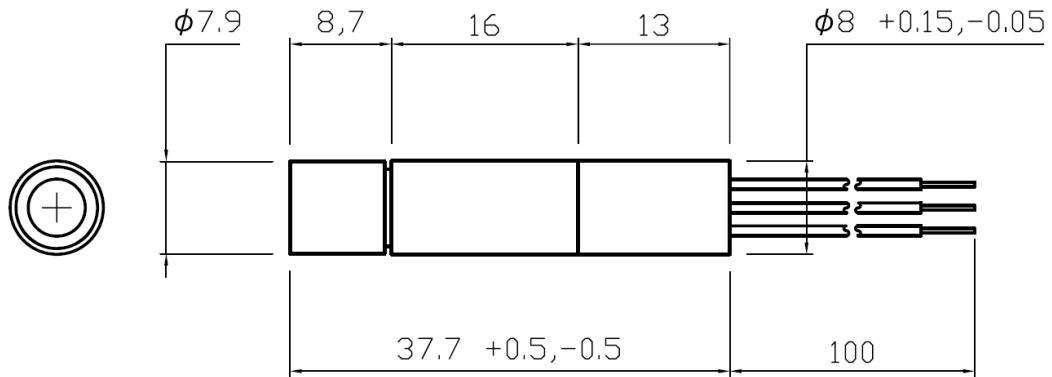
\* ) Housing temperature

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

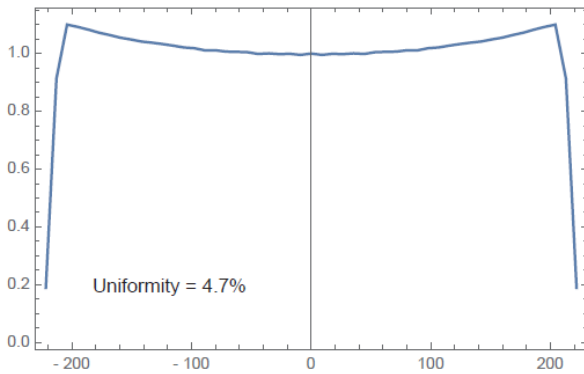
Item	Min.	Typ.	Max
Fan angle		30°	
Focal distance		800mm	
Line length		420mm	
Wavelength	825nm	830nm	835nm
Output power			78mW
Operating voltage	4.0V	5.0V	5.5V
Operating current		235mA	300mA
Line width at 800mm (1/e <sup>2</sup> )		180μm	
Line uniformity			10%
Line straightness			0.1%



## Housing Dimension (mm)



### Line uniformity



### Line width at Focal distance

