

LINEMAN : ALM-785100-JCF001

Absolute maximum ratings

Item	Rating
Output power	46mW
Reverse voltage	2V
Operating temperature *)	-10°C to 50°C
Storage temperature *)	-20°C to 60°C

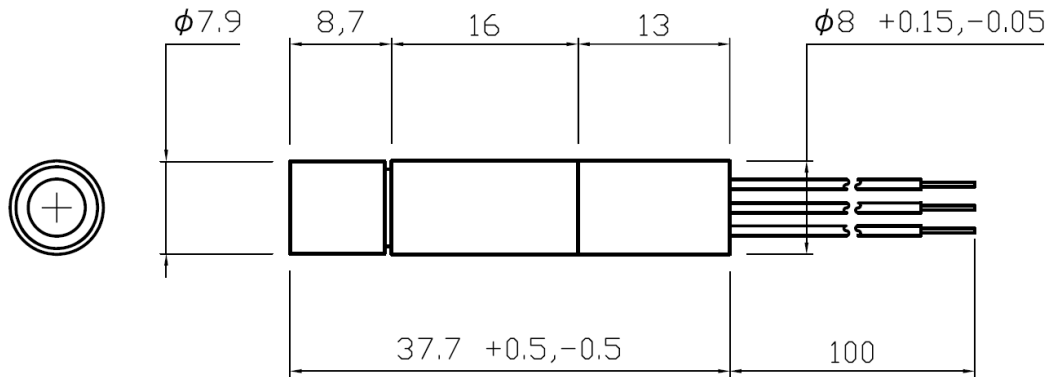
*) Housing temperature

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

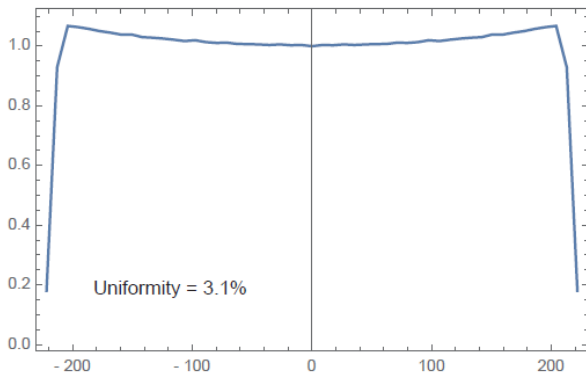
Item	Min.	Typ.	Max
Fan angle		30°	
Focal distance		800mm	
Line length		420mm	
Wavelength	780nm	785nm	790nm
Output power			42mW
Operating voltage	4.0V	5.0V	5.5V
Operating current		150mA	200mA
Line width at 800mm (1/e ²)		200μm	
Line uniformity			10%
Line straightness			0.1%



Housing Dimension (mm)



Line uniformity



Line width at Focal distance

