

LINEMAN : ALM-485050-AAF001

Absolute maximum ratings

Item	Rating
Output power	18mW
Reverse voltage	2V
Operating temperature *)	-10°C to 50°C
Storage temperature *)	-20°C to 60°C

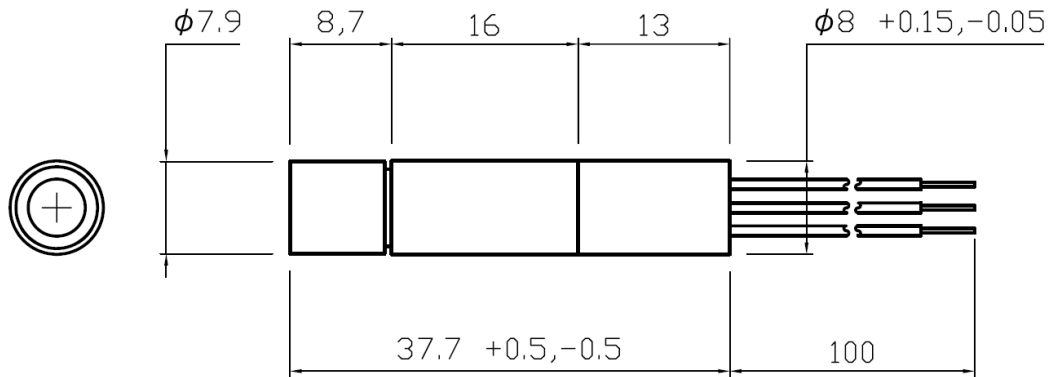
*) Housing temperature

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

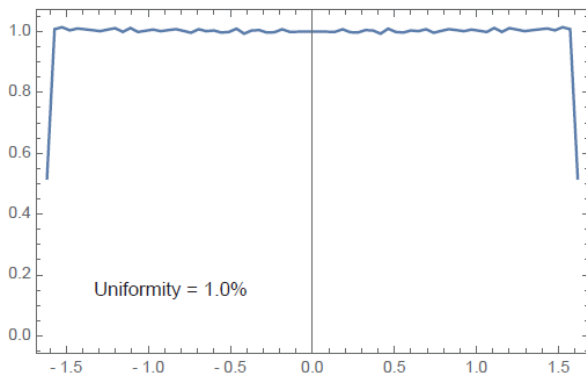
Item	Min.	Typ.	Max
Fan angle		10°	
Focal distance		12mm	
Line length		3.1mm	
Wavelength	480nm	485nm	485nm
Output power			15mW
Operating voltage	8.0V	8.0V	8.5V
Operating current		125mA	160mA
Line width at 12mm (1/e ²)		5.0μm	
Line uniformity			5%
Line straightness			0.1%



Housing Dimension (mm)



Line uniformity



Line width at Focal distance

