

LINEMAN : ALM-405150-AAF001

Absolute maximum ratings

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

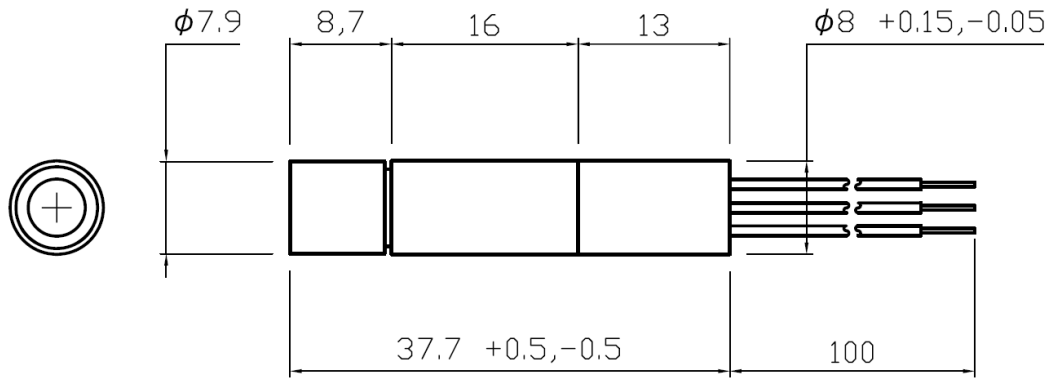
*) Housing temperature

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

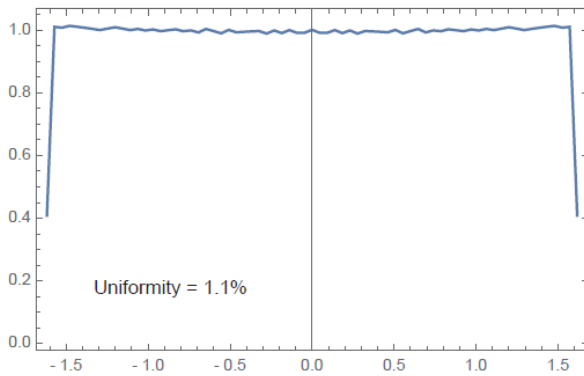
Item	Min.	Typ.	Max
Fan angle		10°	
Focal distance		12mm	
Line length		3.1mm	
Wavelength	400nm	405nm	410nm
Output power			45mW
Operating voltage	8.0V	8.0V	8.5V
Operating current		150mA	189mA
Line width at 12mm (1/e ²)		4.0μm	
Line uniformity			5%
Line straightness			0.1%



Housing Dimension (mm)



Line uniformity



Line width at Focal distance

