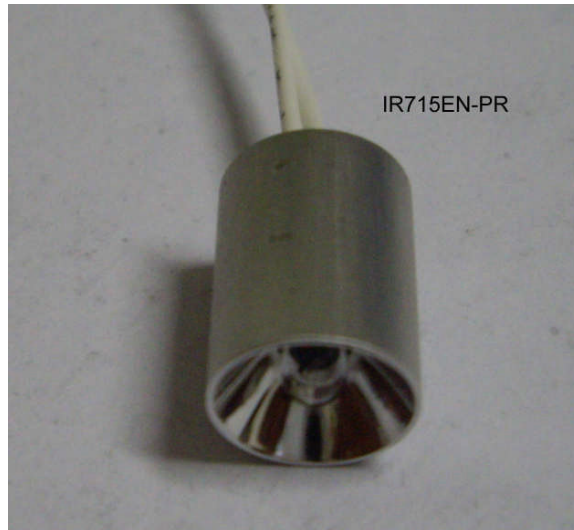


SPECIFICATION IR LAMP with reflector

IR715EN-PR



1. Purpose,Scope

The lamp IR715EN-PR is cheap and reliable IR sources with reflector for nondispersive infrared (NDIR) gas detection by infrared absorption, e.g. for gas like CO₂ and hydrocarbons. This IR lamp combines a small design, good processability and has a long lifetime and meets the requirements of the European Union RoHS (Regulation of Hazardous Substances) Directive.

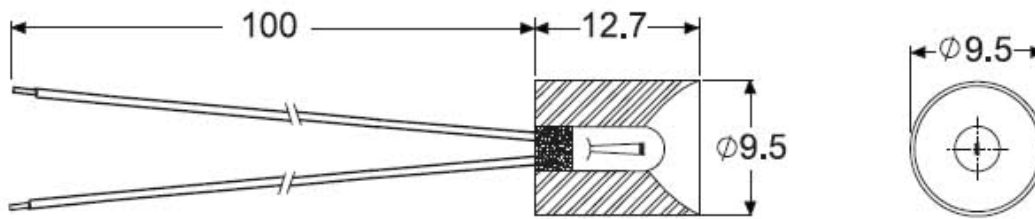
2. Absolute Maximum Ratings

parameter	limits			Units	Conditions
	min	typ	max		
Ambient temperature	-40	25	100	°C	Operation/storage

3. General and Electrical Parameter

Parameter	Value	Tolerance	Units	Conditions
Voltage	5		V	
Current	115	± 10%	mA	
Brightness	0.15	± 15%	MSCP.	
Filament	CC-6			
Average Lifetime	40000		hours	Voltage=5V AC
Color Temperature	2200		K	
Reflector finish	Polished Aluminum(option Gold Coated)			

4. Lamp Drawing



5. Limit spectral range

Due to the glass properties the spectral range of the emitted radiation is limited.

