



# Electro Optical Components, Inc.


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## EOC Replacement Emitters for Helioworks EK-537X Series

	EOC Plug & Play Replacement Emitter	Helioworks Emitter
		
Product Name	EOC-IRE-550R-x-80	Helioworks EK-537X
Electrical resistance	0.8 Ohms	0.8 Ohms
Filament material	Nichrome	Kanthal
Filling Gas	None (open), Nitrogen	None (open), Nitrogen
Pulsable	Yes	No
Window options	EOC-IRE-550R-0-80 (no window) EOC-IRE-550R-A-80 (Soldered Sapphire) EOC-IRE-550R-C-80 (Glued CaF <sub>2</sub> ) EOC-IRE-550R-B-80 (Glued BaF <sub>2</sub> )	EK-5370 (no window) EK-5371 (Sapphire) EK-5372 (CaF <sub>2</sub> ) EK-5373 (ZnSe)

## Package Mounting Dimensions

	EOC Plug & Play Replacement Emitter	Helioworks Emitter
Product Name	EOC-IRE-550R-x-80	Helioworks EK-537X
Package	TO-5/TO-39	TO-5/TO-39
Cap Diameter	0.328" (8.33 mm)	0.325" (8.26 mm)
Cap height	0.255" (6.48 mm)	0.26" (6.60 mm)
Aperture	0.25" (6.35 mm)	0.25" (6.35 mm)
Drawing	