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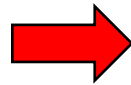
EOC Plug & Play Helioworks Emitter Replacements

Helioworks Emitter

EOC Plug & Play Replacement Emitter



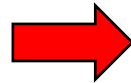
Helioworks EF-853X(R)



EOC-IRE-2000R-x430-9



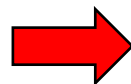
Helioworks EK-862X



EOC-IRE-2000R-x-9-150




Helioworks EK-537X

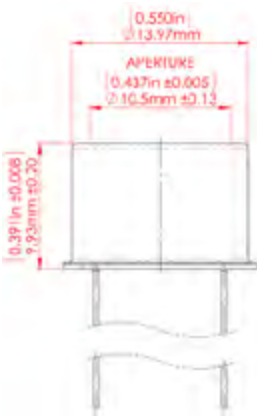
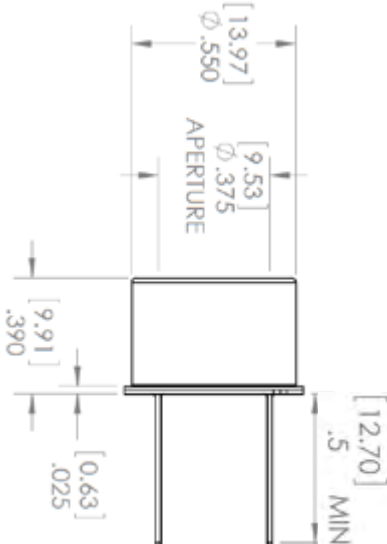


EOC-IRE-550R-x-80

EOC Replacement Emitters for Helioworks EF-853X Series

	Plug & Play Replacement Emitter	Helioworks Emitter
		
Product Name	EOC-IRE-2000R-x430-9	Helioworks EF-853X(R)
Electrical resistance	(2.5 ± 0.2) Ohms	2.3 Ohms
Filament material	Nichrome	Nichrome
Filling Gas	None (open), Nitrogen	None (open), Nitrogen
Pulsable	Yes	Yes
Window options	EOC-IRE-2000R-0430-9 (no window) EOC-IRE-2000R-A430-9 (Soldered Sapphire) EOC-IRE-2000R-C430-9 (Glued CaF ₂) EOC-IRE-2000R-B430-9 (Glued BaF ₂)	EF-8530 (no window) EF-8531 (Sapphire) EF-8532 (CaF ₂) EF-8533 (ZnSe)


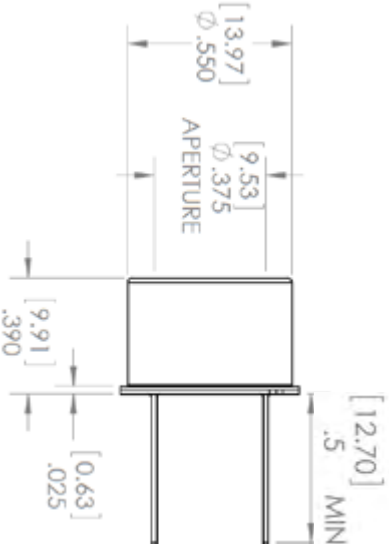
Package Mounting Dimensions

	EOC Plug & Play Replacement Emitter	Helioworks Emitter
Product Name	EOC-IRE-2000R-x430-9	Helioworks EF-853X
Package	TO-8	TO-8
Cap Diameter	0.55" (13.97 mm)	0.55" (13.97 mm)
Cap height	0.391" (9.93 mm)	0.39" (9.91 mm)
Aperture	0.413" (10.50 mm)	0.375" (9.53 mm)
Drawing		

EOC Replacement Emitters for Helioworks EK-862X Series

	Plug & Play Replacement Emitter	Helioworks Emitter
		
Product Name	EOC-IRE-2000R-x-9-150	Helioworks EK-862X
Electrical resistance	1.5 Ohms	1.5 Ohms
Filament material	Nichrome	Kanthal
Filling Gas	None (open), Nitrogen	None (open), Nitrogen
Pulsable	Yes	No
Window options	EOC-IRE-2000R-0-9-150 (no window) EOC-IRE-2000R-A-9-150 (Soldered Sapphire) EOC-IRE-2000R-C-9-150 (Glued CaF ₂) EOC-IRE-2000R-B-9-150 (Glued BaF ₂)	EK-8620 (no window) EK-8621 (Sapphire) EK-8622 (CaF ₂) EK-8623 (ZnSe)

Package Mounting Dimensions

	EOC Plug & Play Replacement Emitter	Helioworks Emitter
Product Name	EOC-IRE-2000R-x-9-150	Helioworks EK-862X
Package	TO-8	TO-8
Cap Diameter	0.55" (13.97 mm)	0.55" (13.97 mm)
Cap height	0.391" (9.93 mm)	0.39" (9.91 mm)
Aperture	0.413" (10.50 mm)	0.375" (9.53 mm)
Drawing		

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 ₂) EOC-IRE-550R-B-80 (Glued BaF ₂)	EK-5370 (no window) EK-5371 (Sapphire) EK-5372 (CaF ₂) 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	