

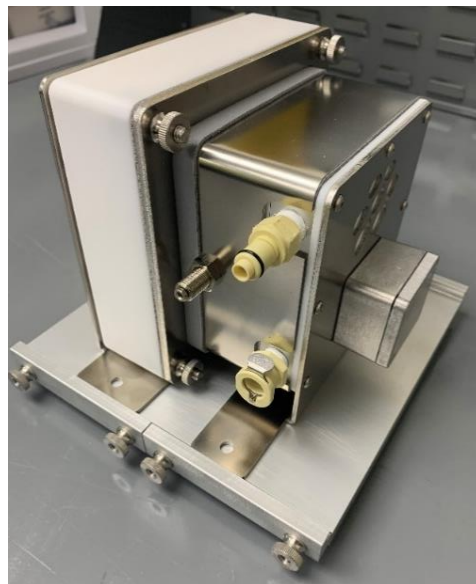
# Snapdragon Chemistry IRIS LAB™ Photoreactor

## Data Sheet



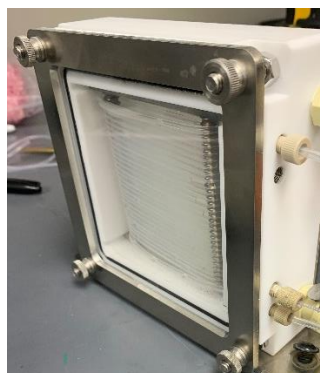
### Features

- Highly productive flow photoreactor system for laboratory development and PoC material delivery (up to 10 g/h productivity).
- Process developed in IRIS LAB is directly scalable for kilogram delivery in IRIS MAX™ photoreactor.
- Adjustable ultra-high photon intensity (Max 600 mW/cm<sup>2</sup>) with purpose-designed LED board
- Available monochromatic LED of UV to blue ( $\lambda$  365, 385, 405, and 460nm wavelengths)
- Adjustable light path length (0.5~3.2 mm ID tubing)
- Easily replaceable reactor tubing.
- High efficiency recirculating temperature control. Wide photoreaction temperatures (-40 ~ 80 °C)



### Specifications

<b>IRIS Wetted materials</b>	PEEK, PTFE, PFA
<b>Liquid connections</b>	Inlet and Outlet, process and coolant connections, chemical resistant quick-disconnect coupling
<b>Max Ambient Temperature</b>	30 °C
<b>Dimensions, weight</b>	W9 x H9 x D9 inches (W229 x H229 x D229 mm), 15.2 lbs (6.88 kg)
<b>Electrical requirements</b>	100-240 VAC / 50-60 Hz (IEC C14 connector)
<b>Safety Certificates</b>	UL 514470



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