

Launch Campaign	Launch Provider	Mission Name	Launch Date	Deployment Status	Rocket	Mission Description	Payload(s)	Organization(s)
CRS-27	ELaNa 50	ARKSAT-1	3/14/23		Falcon 9	ARKSAT-1 will illuminate an LED from orbit and use a ground spectrometer to track and perform atmospheric measurements. The 1U will also demonstrate a way to help alleviate the problem of space debris with a lightweight Solid State Inflatable Balloon (SSIB) that can be used to deorbit small satellites after a mission ends.	LED; Solid State Inflatable Balloon (SSIB)	University of Arkansas, Fayetteville
		LightCube	3/14/23		Falcon 9	LightCube features a flash bulb that can be controlled remotely by amateur radio operators on Earth who will be able to activate the satellite to produce a brief flash visible from the ground. The 1U provides potential users worldwide with the opportunity to telecommand a spacecraft and observe a tangible and immediate response in the night sky.	Flash bulb	Arizona State University, Tempe, in collaboration with Vega Space Systems and Mexico's CETYS Universidad