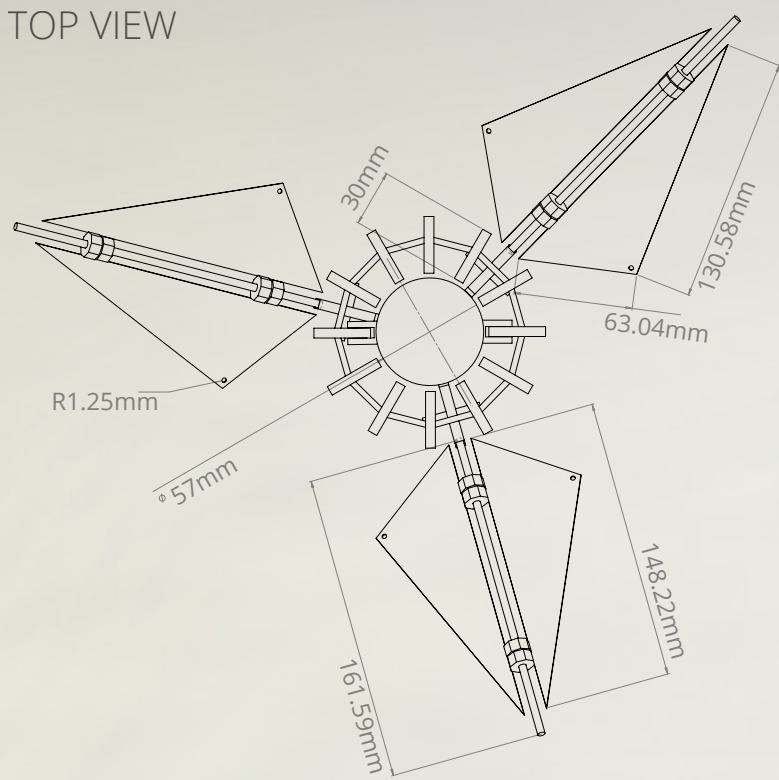
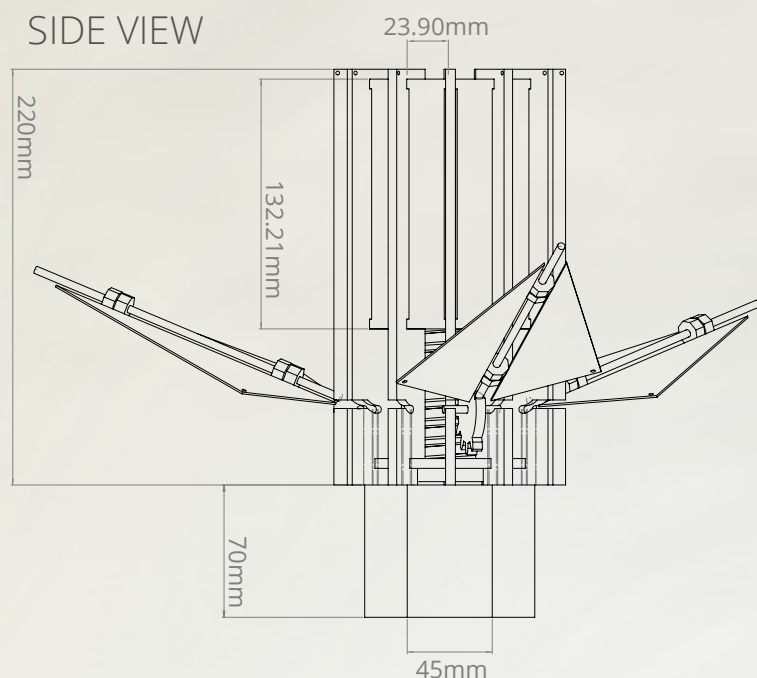


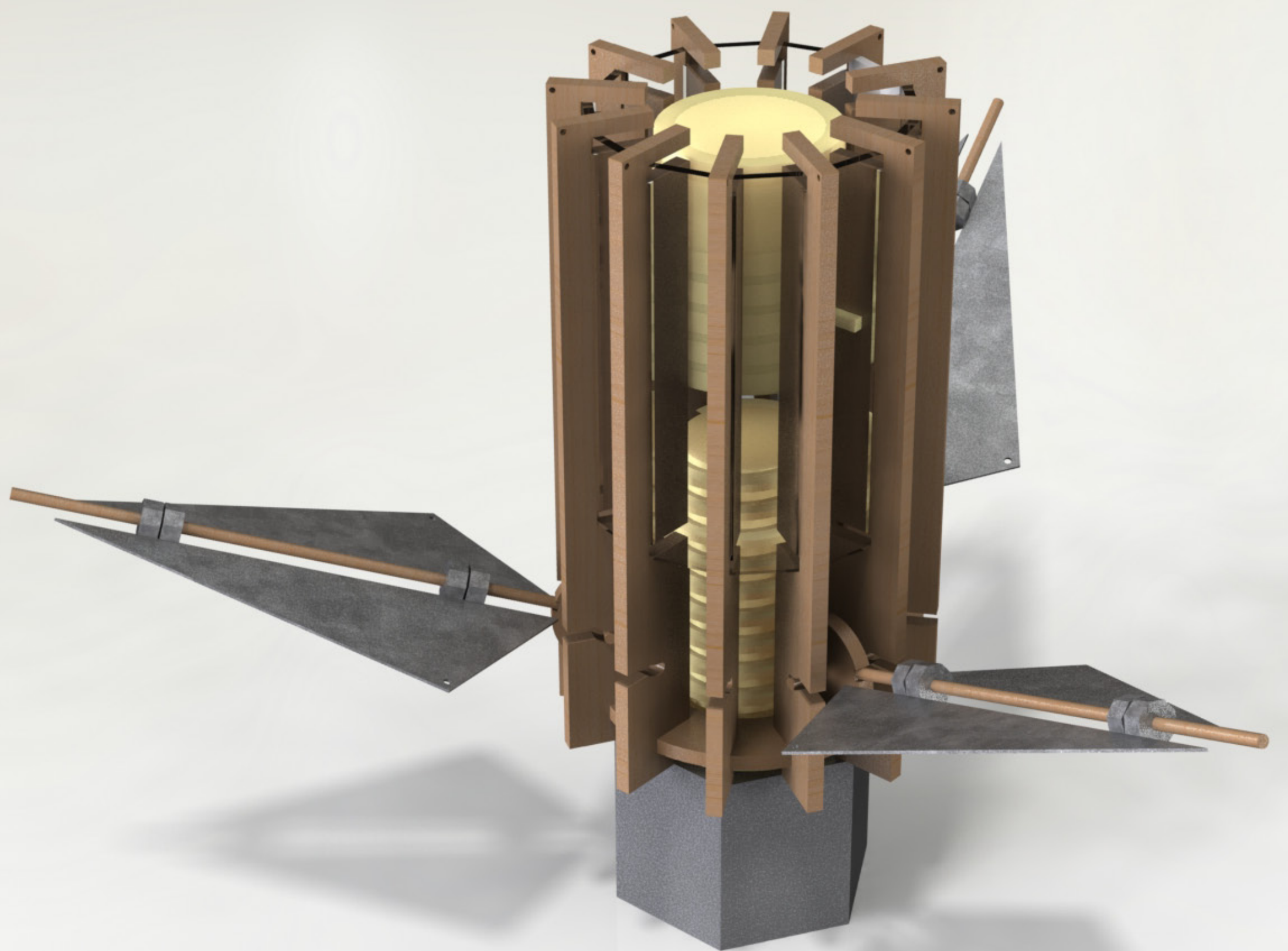
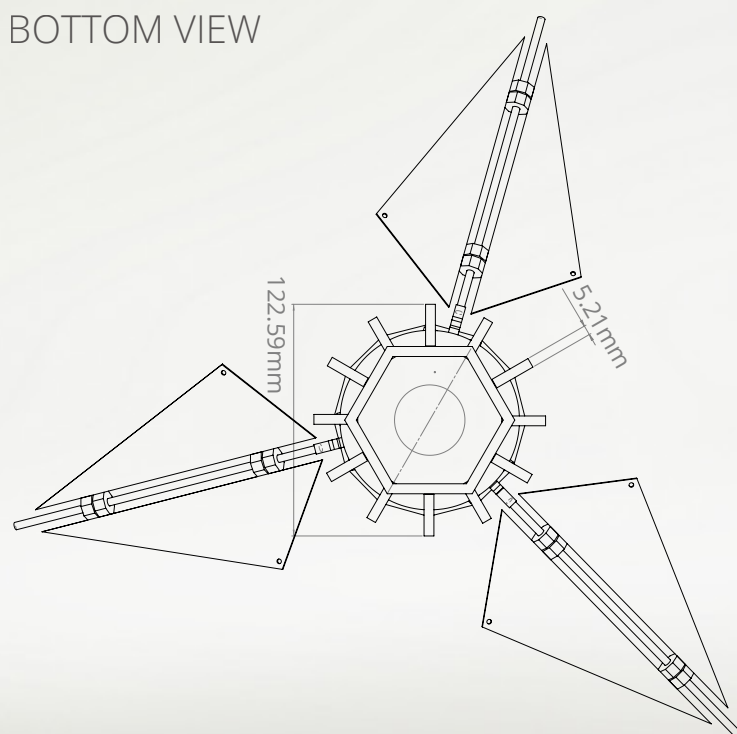
TOP VIEW



SIDE VIEW



BOTTOM VIEW



ILLUMINAUT PRIME

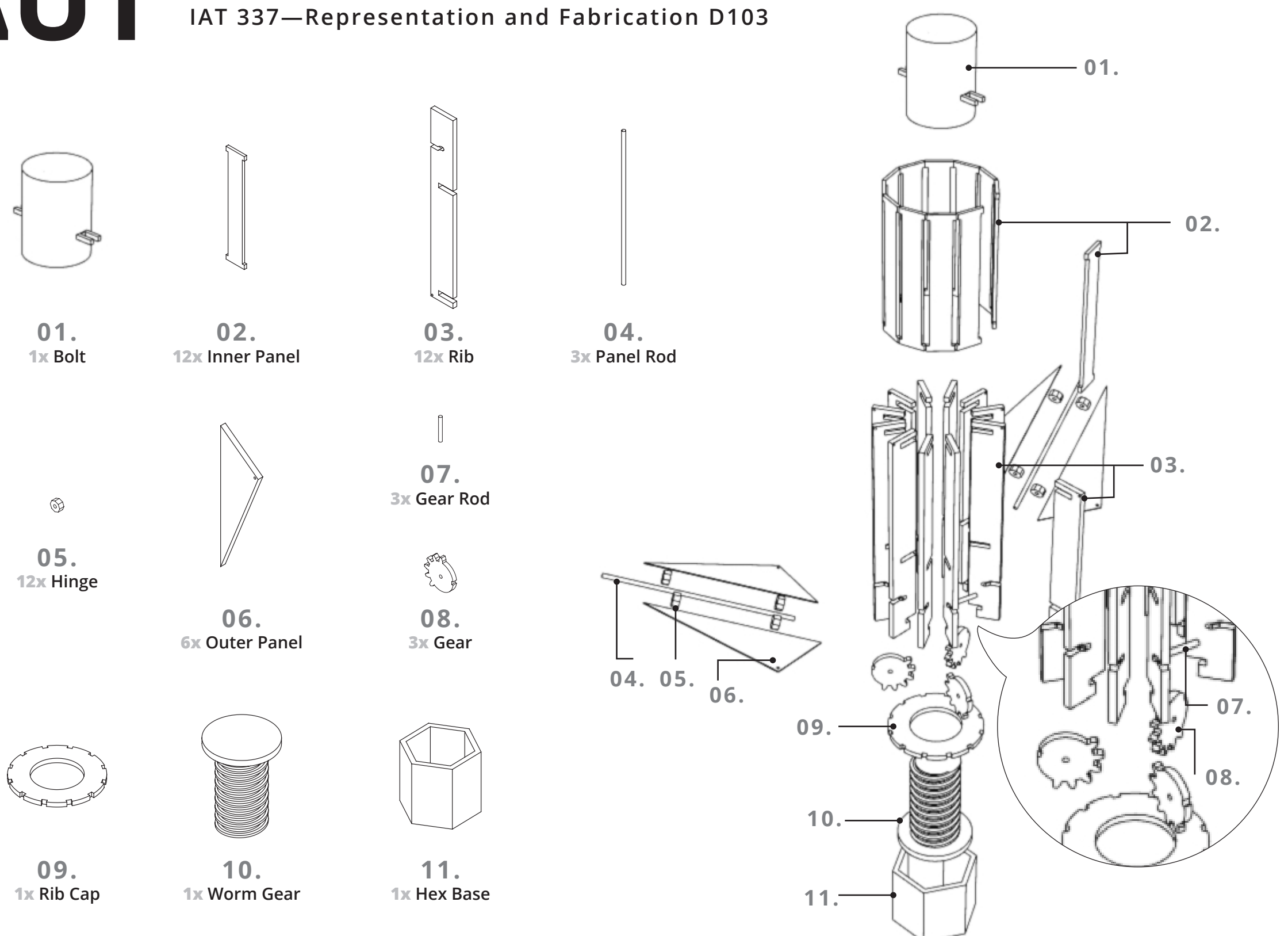
ILLUMINAUT

Janelynn Chan | Glen Cheng | Dennis Wong | Janine Wong
IAT 337—Representation and Fabrication D103

Illuminaut is a kinetic sculpture aimed to “shed light,” so to speak, on the issue of light pollution. The end goal is not to solve the problem of light pollution because it is an issue too large of a scope, but instead, to raise awareness of the problem occurring around us. Illuminaut is designed to be a metaphorical wall which represents the directionality of artificial light.

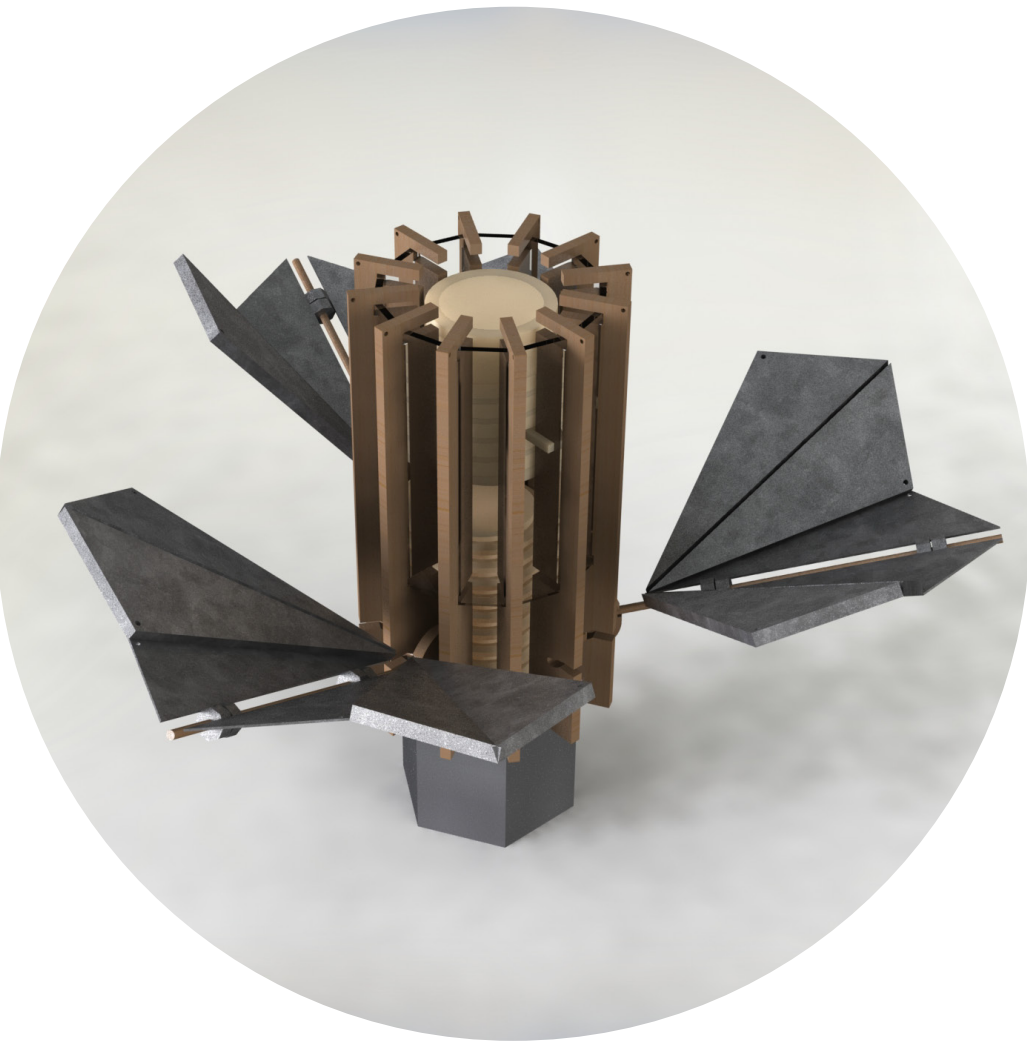
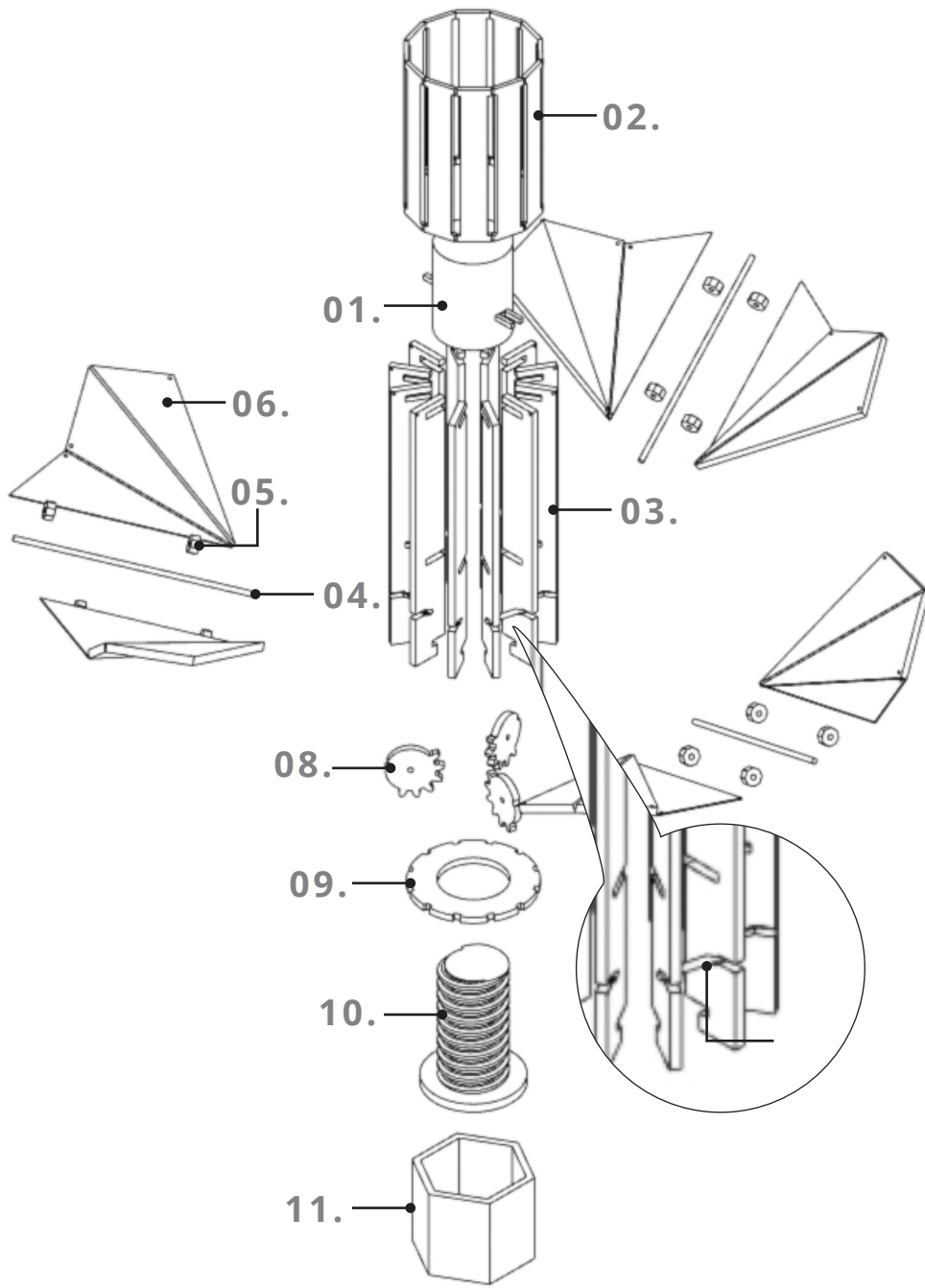
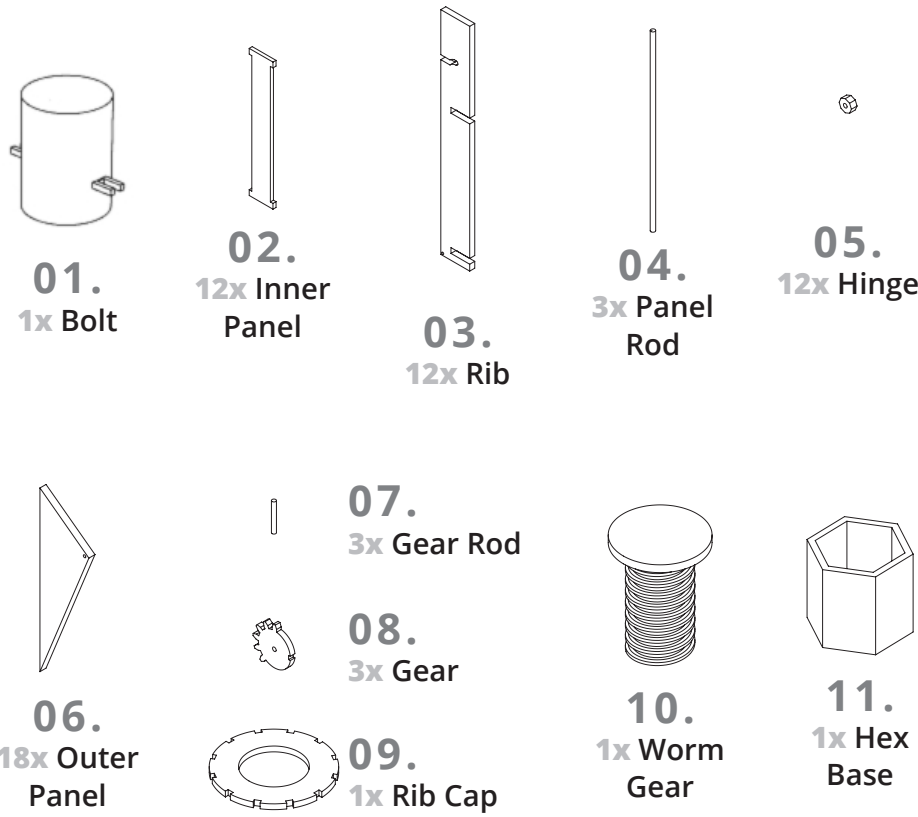
In mainly cities, light pollution is a problem that not many people are aware of because they are so engrossed in a tech savvy world. It is excessive and misdirected artificial light towards the sky with side effects such as harming people living in the area, wasting energy, and harming the environment.

Excessive light can be disorienting both directly and indirectly, through either blinding glare, or the disturbance of people’s sleep cycles or circadian rhythms. Over-illumination also causes sky glow, in which celestial bodies in the sky are blotched out by artificial light.



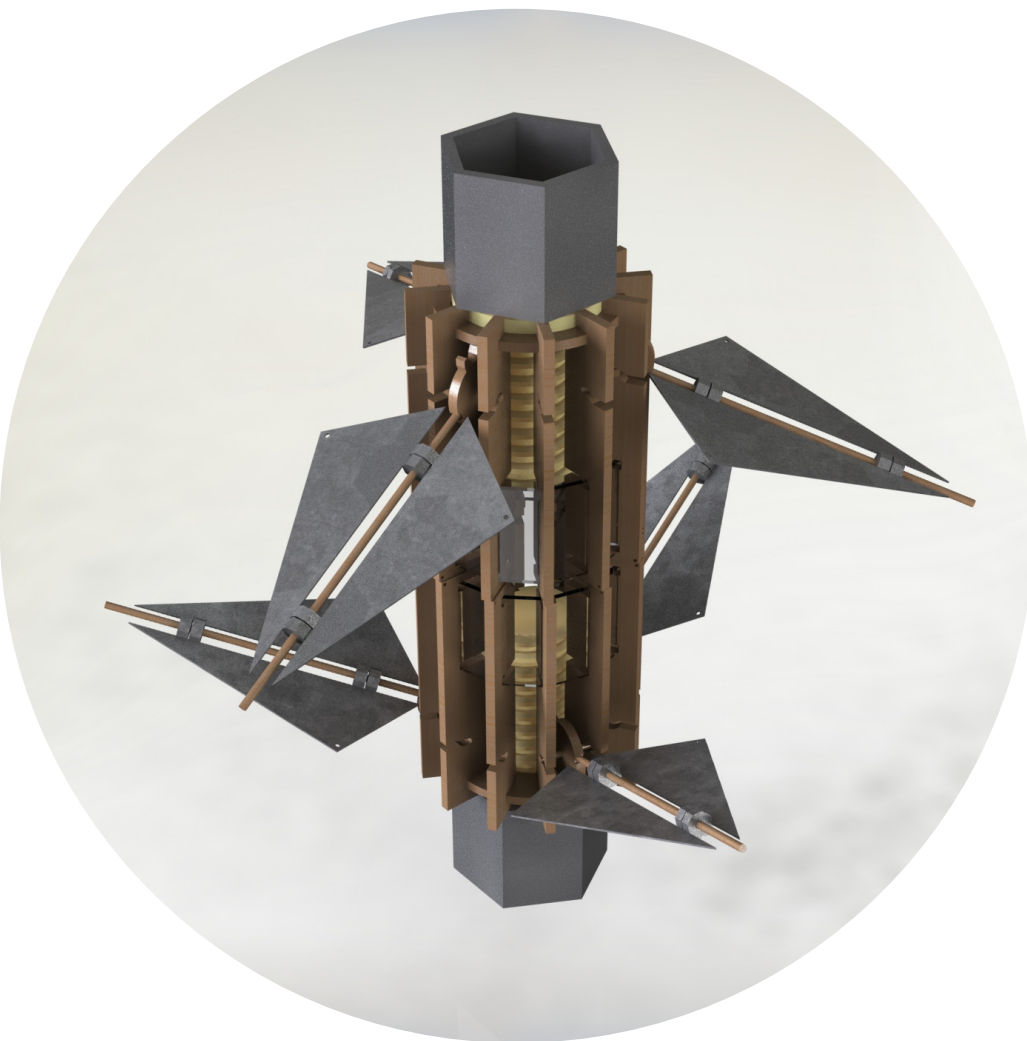
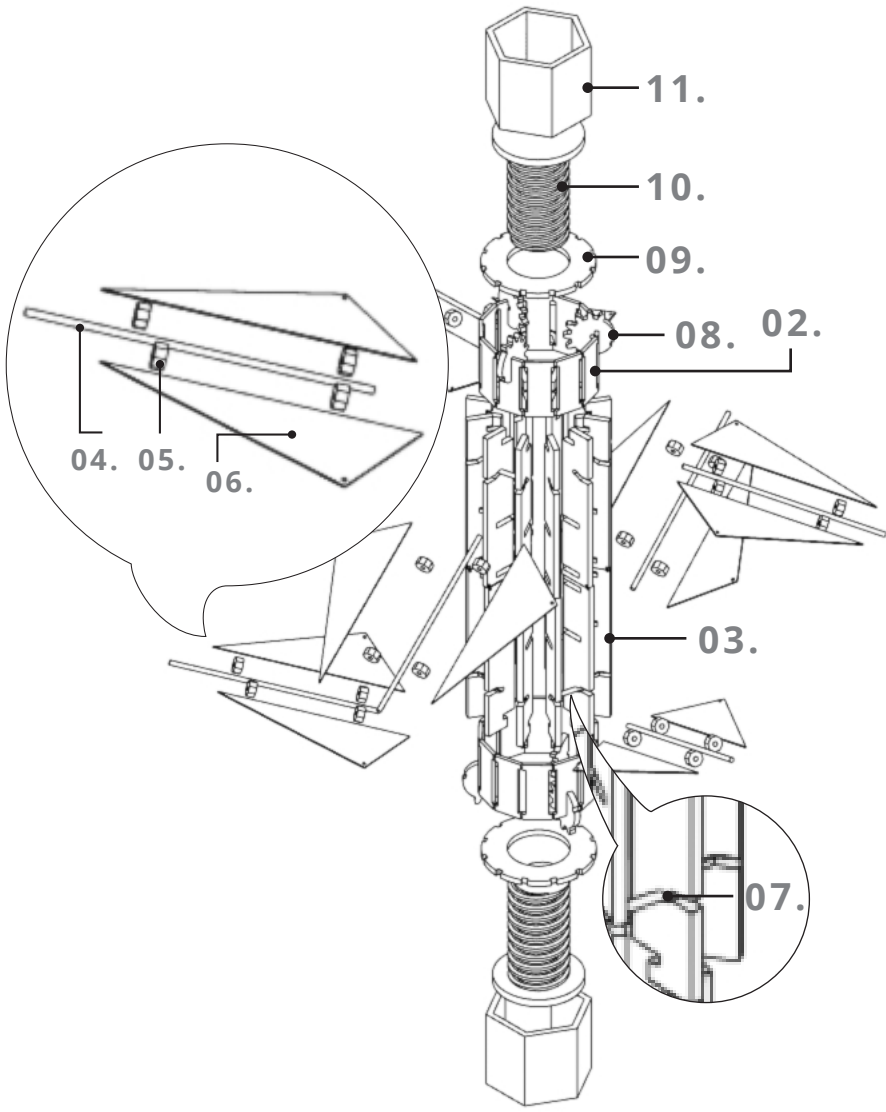
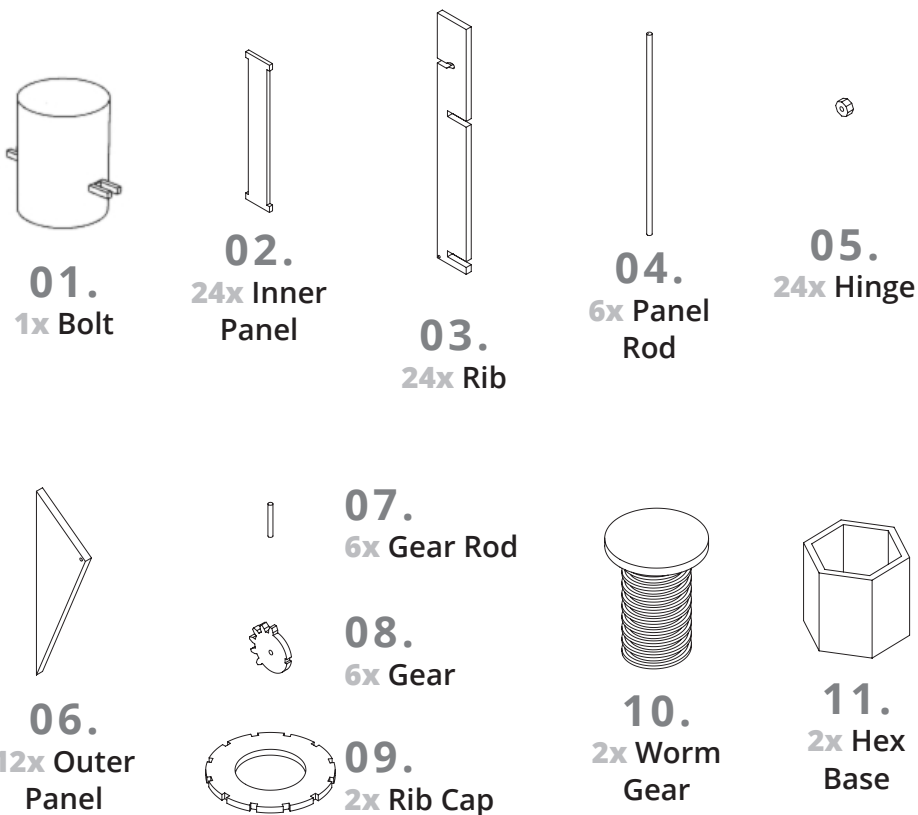
ILLUMINAUT
SUPERNOVA

Like a supernova star suddenly increasing in brightness and mass, Illuminaut Supernova has an increase in size and multitude of panels to greatly reflect more light.



ILLUMINAUT
BINARY STAR

Shimmering twin bodies sparkling in unison around each other, the doubled panels and bodies of Illuminaut Binary Star reflects light off one another to encapsulate light.



ILLUMINAUT
NEBULA

Clusters of inverted Illuminaut Primes suspend from lobby ceilings to form a glittering sight. Utilizing proximity sensors, movement of panel clusters and lights in larger forms are activated by passerbys below.

