

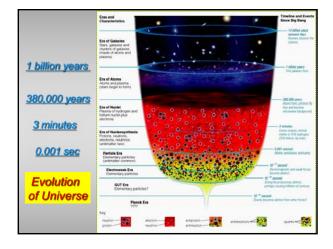
## What is Olber's paradox?

D.

- A. If the universe was infinite, any direction you looked you would eventually see a star
- **B.** If the universe was infinitely old, the starlight would have time to get here
- C. The sky should look bright at nightbecause all directions would have starlight
- **D**. All of the above







Briefly recall physics in <u>our realm now</u> : "Standard Model"			
Martin Robini Ing. Ing. Ing. Ing. Ing. Ing. Ing. Ing.	particle	properties	habits
	up quark	+ or - charge large mass	always in groups of 3, form nucleons: proton = u+u+d neutron = u+d+d
	down quark		
	neutrino	no charge tiny mass	barely interacts
	electron	- charge small mass	orbits nucleus

