

Script for ESOcast Light 95: How Big is a Star?

ESOcast Light 95	
[Visual starts] New ESOcast intro	ESOcast introduction
Title: How Big is a Star?	
It's hard to comprehend the sheer size of objects in space , but let's give it a try!	Black background
If the Earth seems big, think again. 1300 Earths could fit inside Jupiter.	Earth Jupiter
Dwarf stars can sometimes be as small as planets. Our nearest neighbour, Proxima Centauri is just 200 000 km in diameter. Our Sun is seven times bigger .	Proxima Centauri + Sun
Pollux, the closest orange giant star, is more than 8 x the size of the Sun. Rigel, the bright blue supergiant in Orion, is 10 x bigger still .	Rigel
Red supergiant Betelgeuse is even bigger and it's on the verge of going supernova . #ExplosiveStuff	Betelgeuse
Red hypergiant VY Canis Majoris is 2 billion kilometres across! More than 1400 x larger than the Sun . Mind boggling!	VY Canis Majoris Hyperfast travel back to Earth

00:00
[Outro]

ESO builds and operates a suite of the world's most advanced ground-based astronomical telescopes.