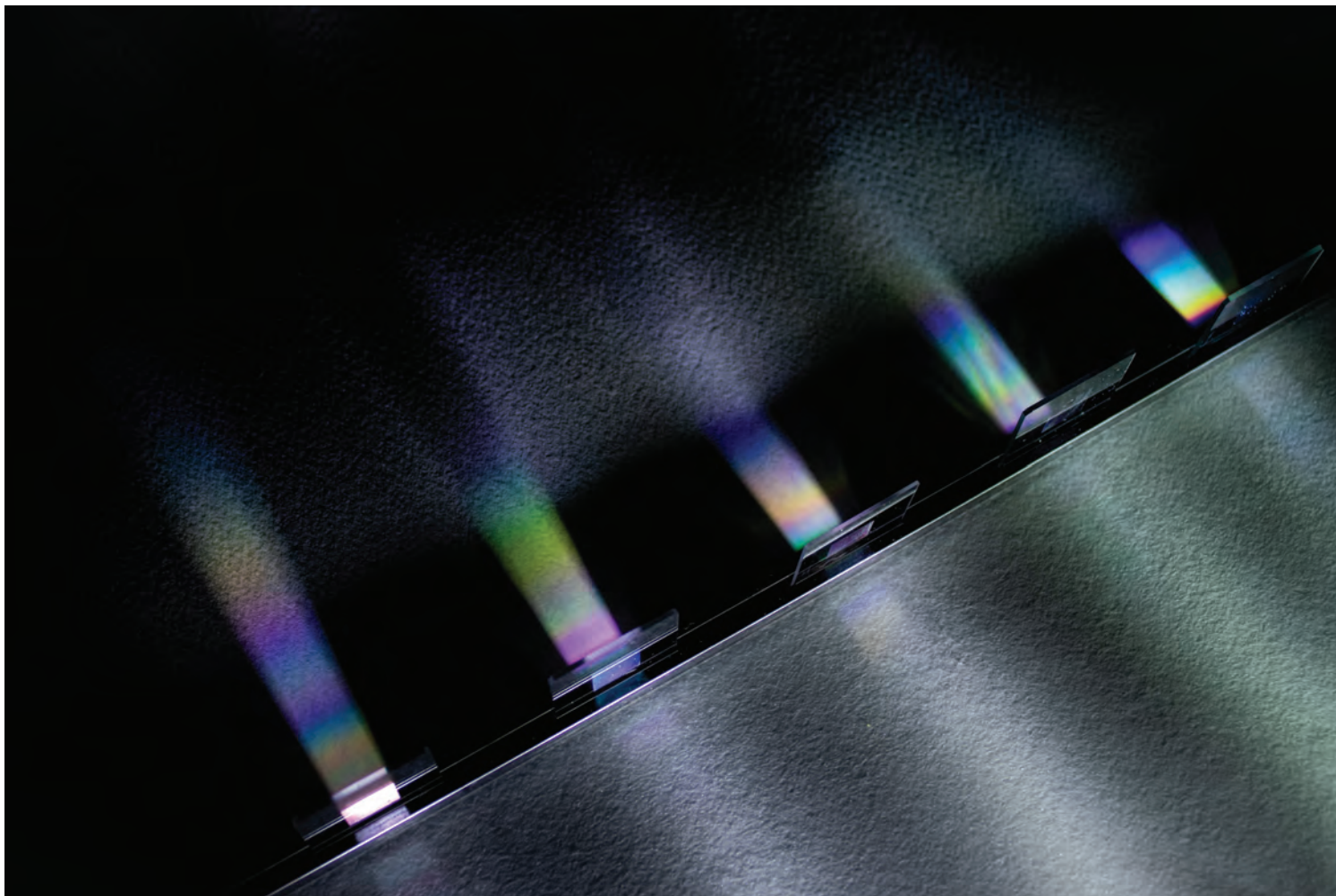


spectrum

Mari Ohno

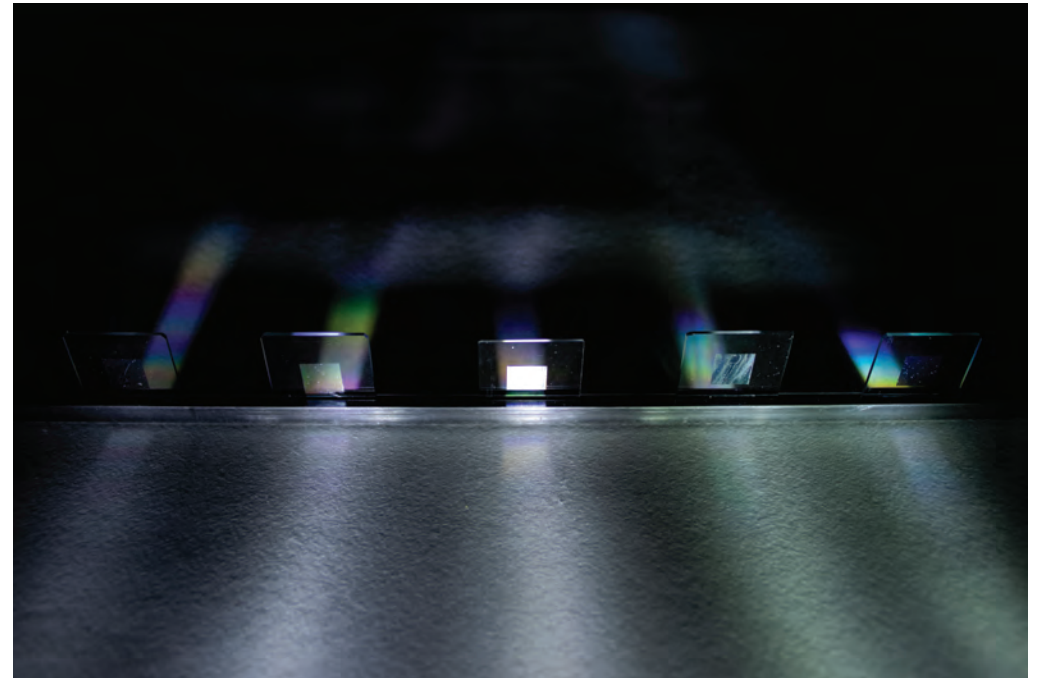


Details

Year	2019
Materials	nano gratings, iron, LED light
Size	W 400 mm x L 550 mm x H 50 mm

Text

spectrum (2019) is a sound installation to explore the visual appearance of inaudible sound. This piece is comprised of visual objects made of nano gratings whose internal structures express the sound waves of ultrasound in different frequencies, and a light source. It illustrates the aesthetic properties of visible spectra which are naturally created from the artificially designed objects of the nano gratings. Each grating shows various combinations of the spectral colour, depending on the internal structure of the gratings and the conditions of the light source. In this piece, the audience can 'hear' the inaudible sound waves through the co-composition between natural light reactions and artificially designed nanostructures.



spectrum, 2019

Photo: Mari Ohno