

VALO®

broadband LED curing light

FOOTPRINT AND LIGHT INTENSITY OF 3 CURING LIGHTS

A curing light's beam profile shows the size of its footprint and the intensity of its light. Dr. Richard Price, a professor in the Department of Dental Clinical Sciences at Dalhousie University in Halifax, Nova Scotia, tested the beam profiles of three different curing lights (Ultradent's VALO, Kerr's Demi Ultra, and Ivoclar's Bluephase Style) at varying distances from the preparation. The results of his research are shown here.

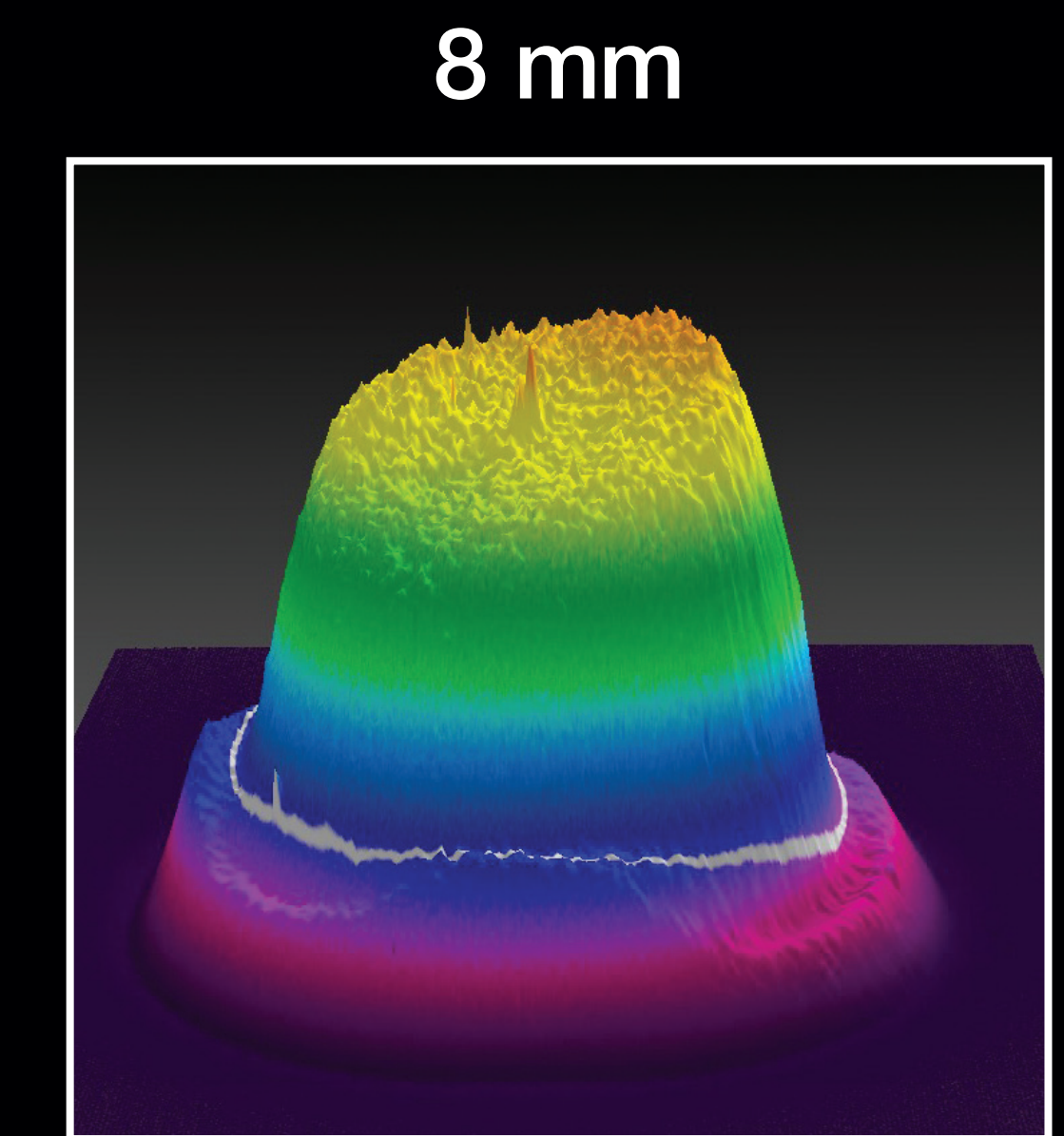
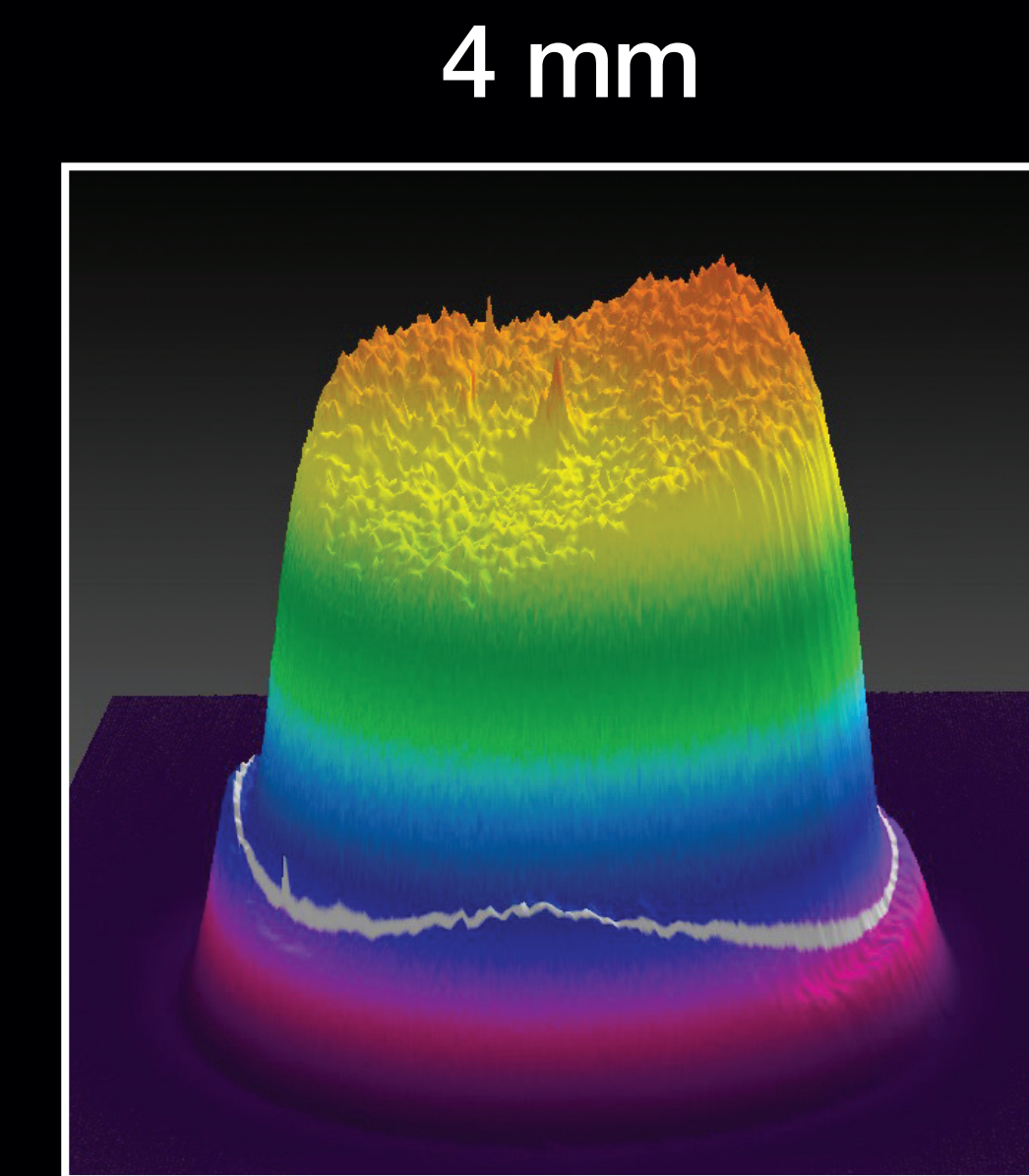
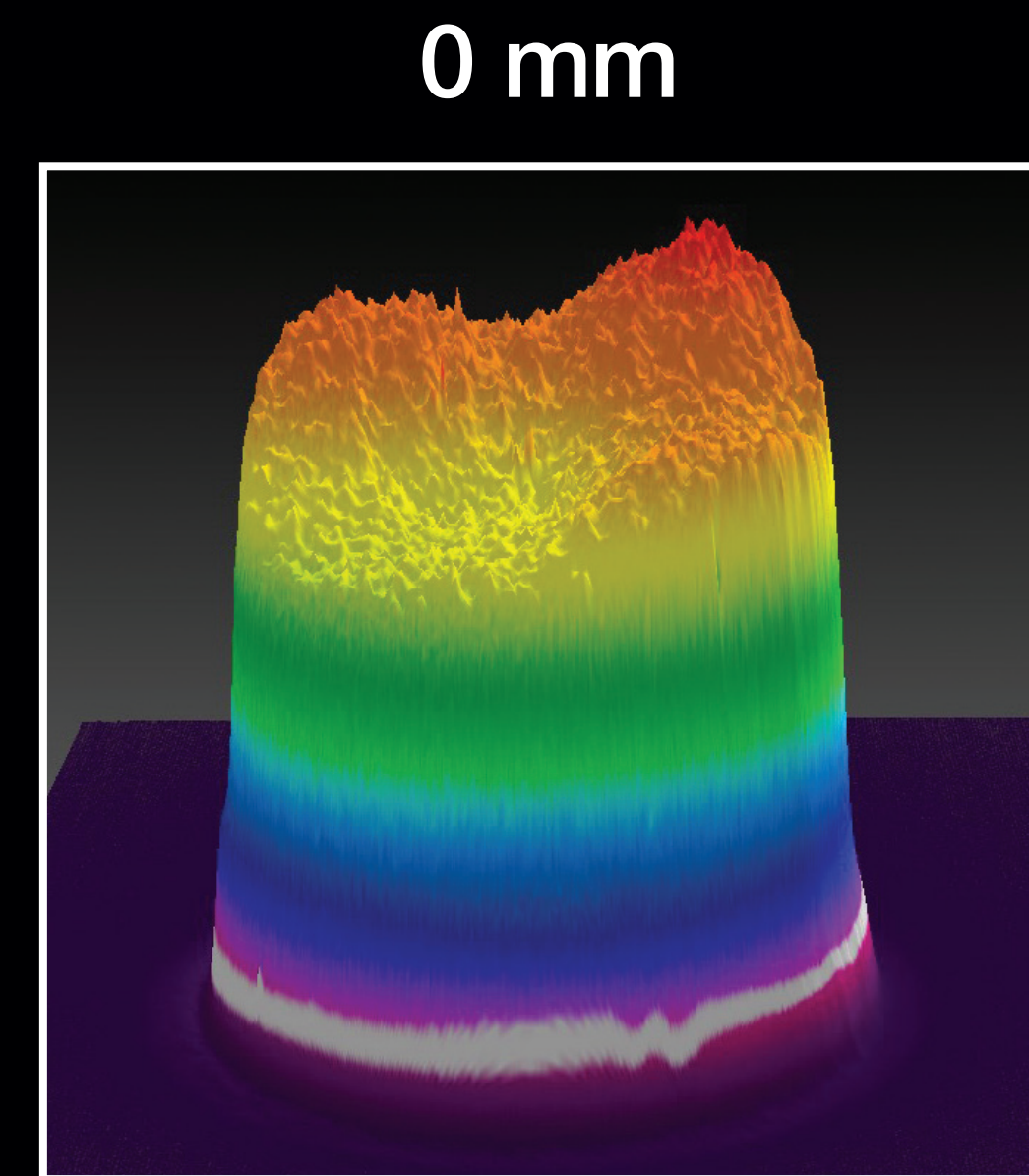
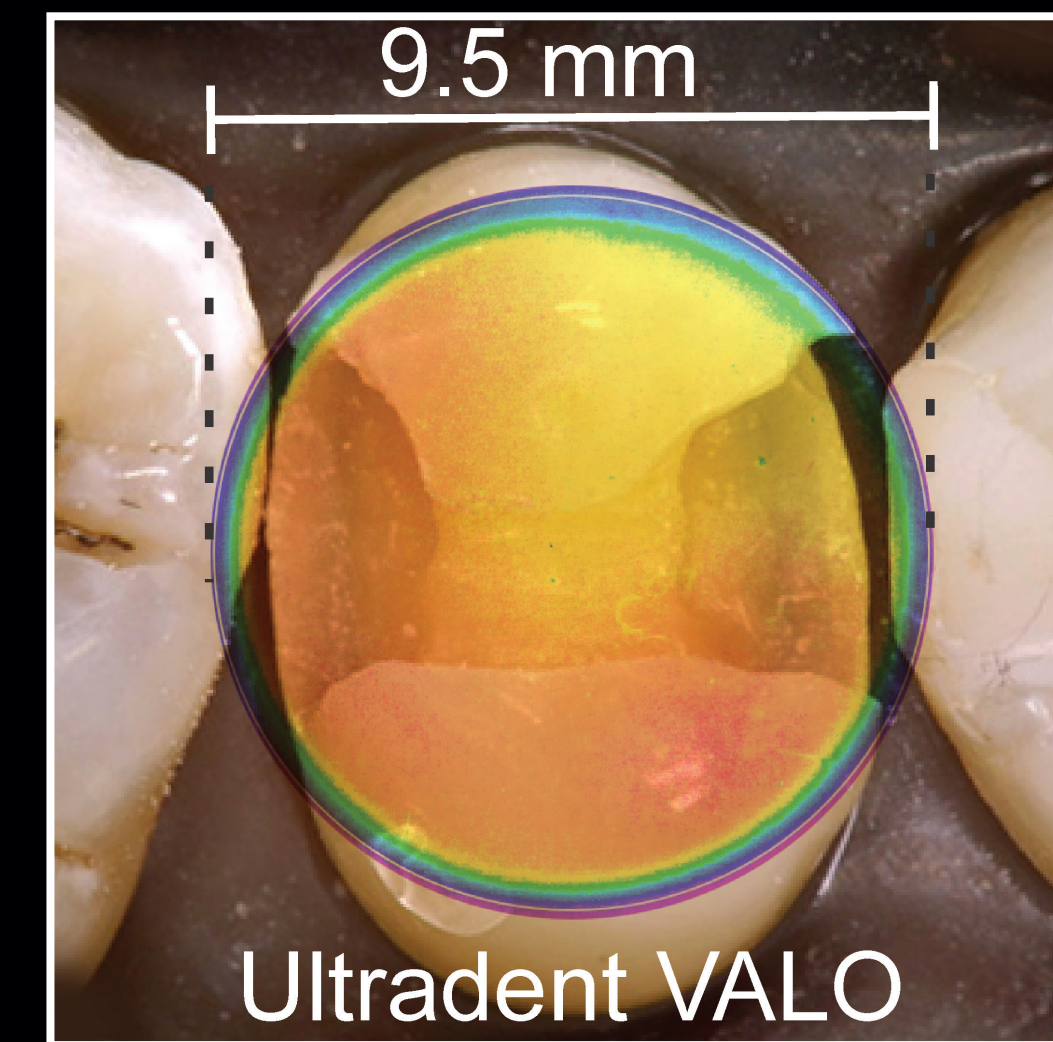
The images in the first column show the size of each light's footprint. The color spectrum within each footprint represents the intensity of the light. Reds and yellows indicate the most intense light; violet indicates the least intense light. Note the consistent high intensity of VALO compared with the other lights.

The images in the second, third, and fourth columns show 3D beam profiles for each light at increasing distances, illustrating the intensity across the diameter of each curing light's tip. Note the consistency in VALO's light intensity even as the distance from the preparation increases.

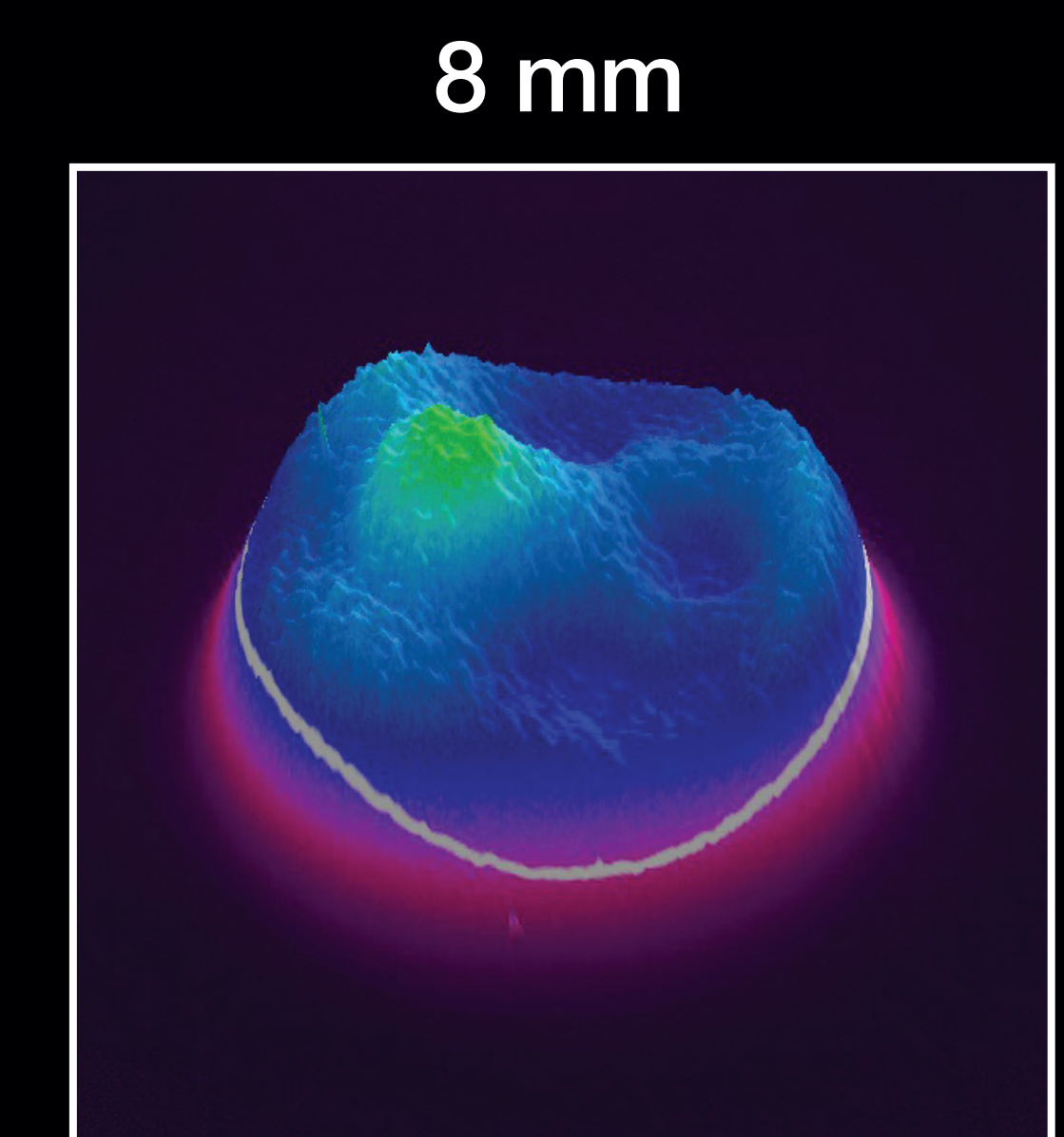
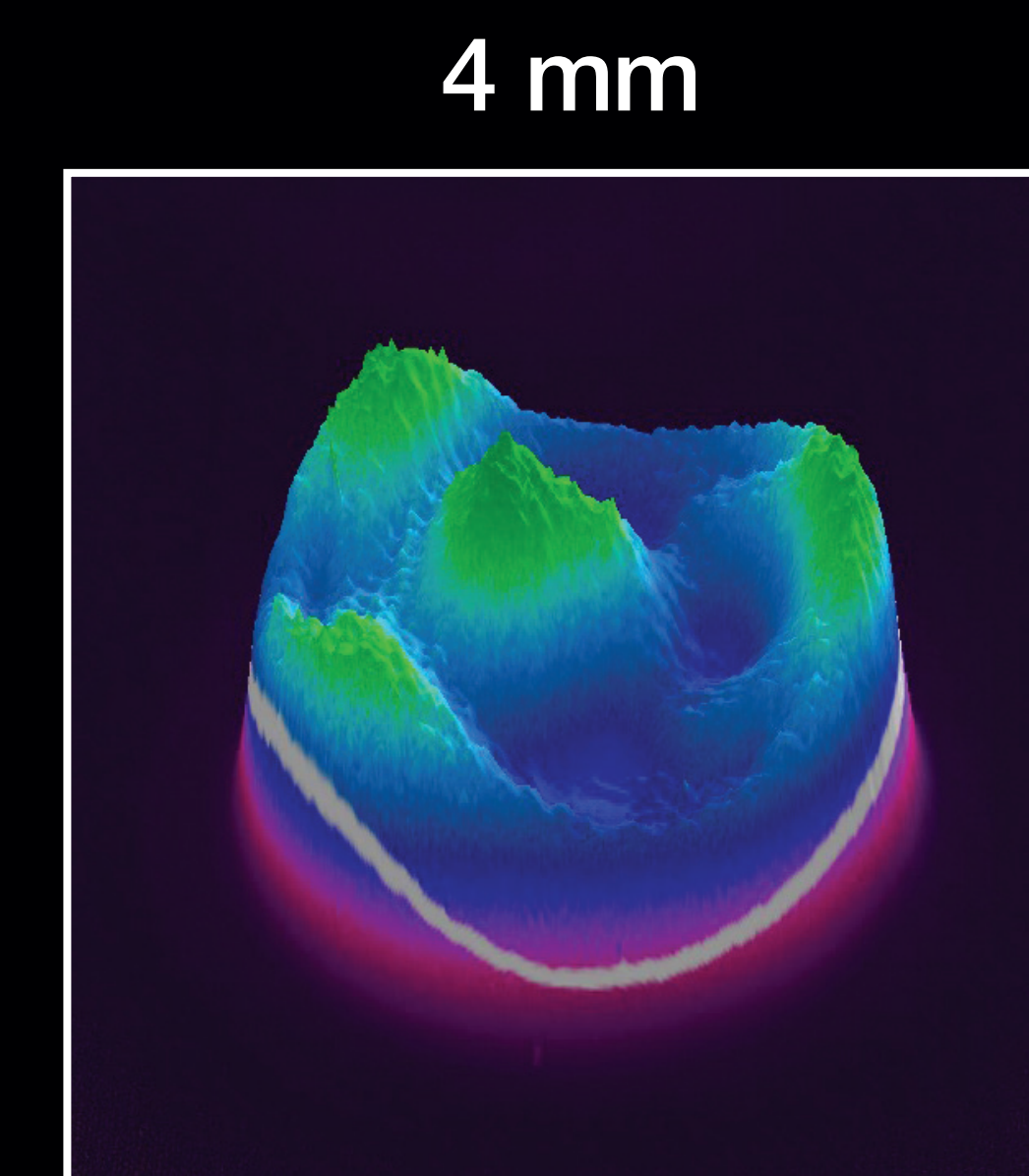
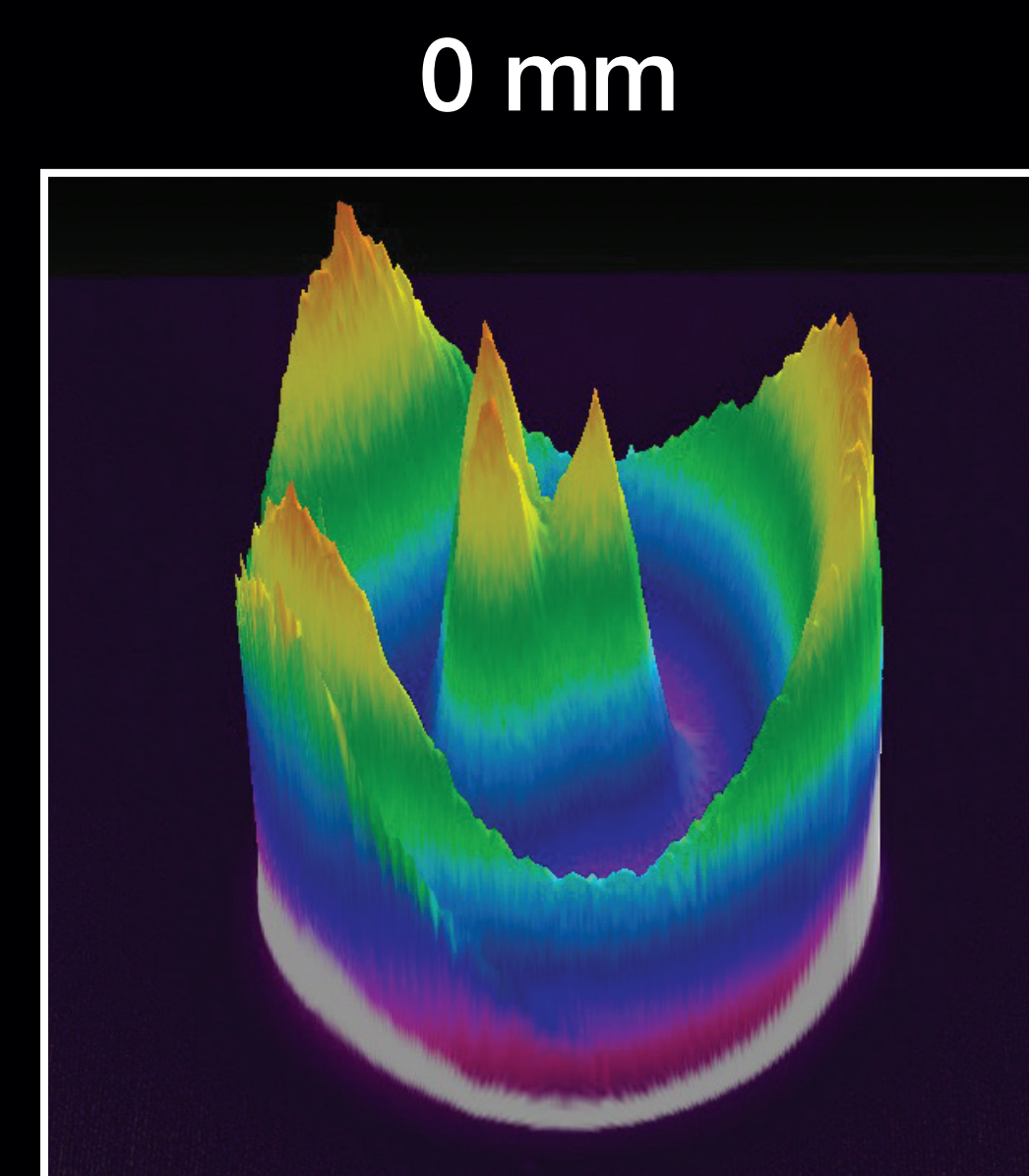
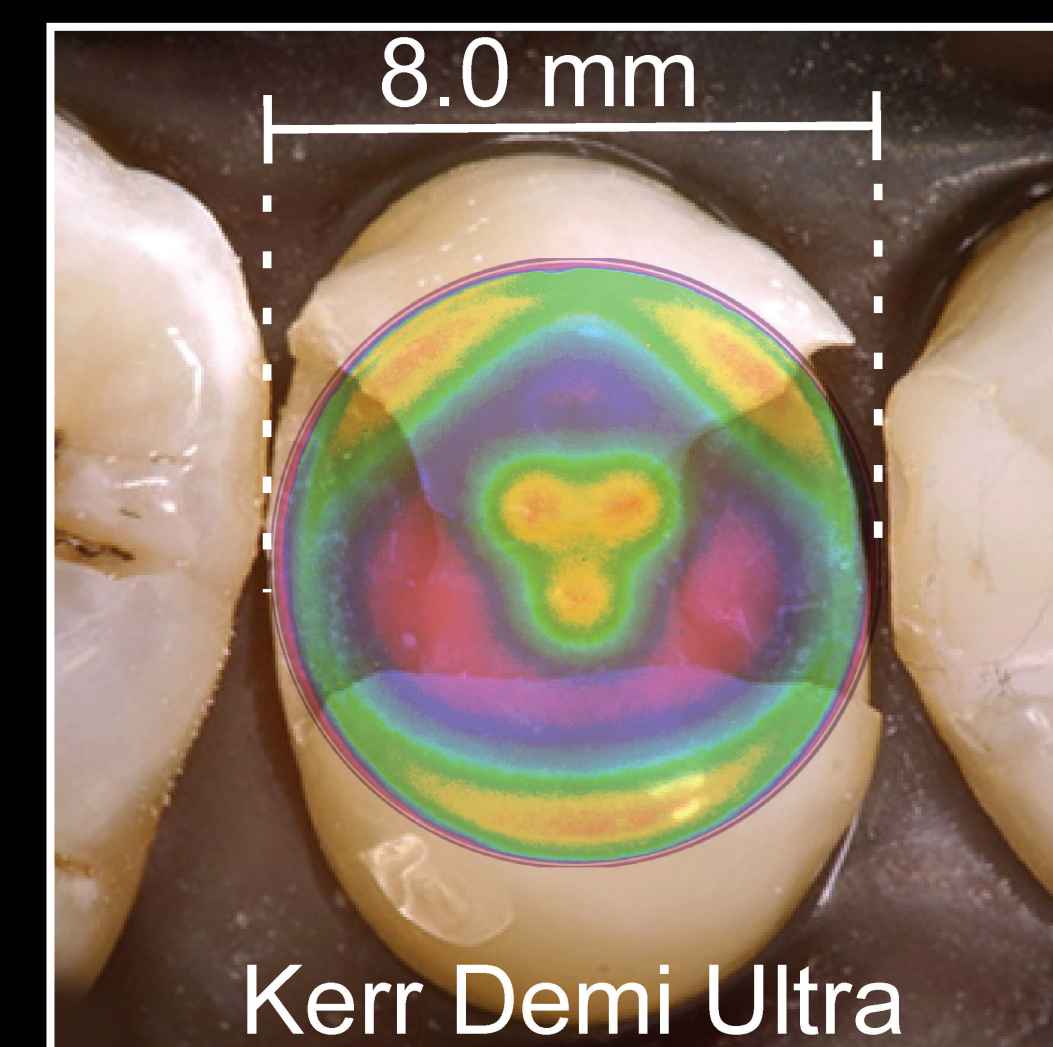
Price R. Evaluation of the Demi Ultra, Bluephase Style and VALO. 2013. Data on file.

CURING LIGHTS: BEAM PROFILE COMPARISON

ULTRADENT
PRODUCTS, INC.



KERR™



IVOCLAR VIVADENT®

