

McConnell Labs Lamp Testing Report

McConnell Labs stands behind the success of our products in all aspects. In order to ensure the optimum performance of the products that we manufacture, the curing lamp must also be optimized to result in the best performance of the gels and the maximum expected life span of the lamp. This lamp has been tested using the listed spectral analysis methods and performed to meet the expectations below.

Lamp Model: HONA Curing Light						
Serial	Number: NA					
W	/avelength:	Average Irradiance Value:				
	· ·					
0	<u>365nm</u> 400nm	55.2534				
0	405nm					
0	<u>420nm</u>					

Irradiance values are recorded at seven separate positions, located at each point where fingernails are placed during a typical curing service including both the left and right hands. The irradiance output at each location is averaged to determine the expected output of each lamp style. The irradiance values listed in Table 1 are common for the Light Elegance curing lights and have excellent results to avoid allergenic response issues with nail clients.

Table 1

Curing Light	Minimum (W/m²)	Value (W/m²)	Perfect White Cure Thickness (in.)
LEDdot Gen3	15.000	27.4610	0.0245"
LEDdot Gen2	15.000	25.9430	0.0175"
Mini DOT	15.000	33.1835	0.0225"

Values found at or above these irradiance measurements are predicted to have excellent curing of gel systems providing that the cure thickness of the gels is sufficient when coupled with proper photoinitiator levels. The curing thickness of the gels in the curing lamp being tested is on the attached Certificate



McConnell Labs, Inc. Certificate of Analysis Report

Product: HONA Autumn Blonde UV/LED Gel Polish

Mfg Date: Lot Number: 060722 1

Product Test Method Test Results
Specification

Cure Thickness (inches)

nches)	Se SE SE	McConnell Labs: SOP "Cure Thickness"	
HONA	≥ 0.005"		0.011"
Gen 3 LEDdot	>0.005"	Same and the same of	0.008"
Gen 2 LEDdot	≥ 0.005"		0.008"
Mini DOT	≥ 0.005"		0.007"

It is the belief of this laboratory that the curing light as it was tested Yes / No is sufficient to cure the gel system in question per the response (yes or no) listed to the right.

McConnell Labs, Inc. 406 SW Umatilla Ave Redmond, OR 97756 USA (541) 526-5570 jim@mclabs.us.com