



VCSEL Array-300W

	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	800	808	816
Output Power	W	/	270	300
Far Field Divergence Angle	°	20	21	22
Spectral Width (FWHM)	nm	/	1.2	1.7
Electrical				
Power Conversion Efficiency	%	/	30	/
Slope Efficiency	W/A	/	8.3	/
Threshold Current	A	/	8	/
Operating Current	A	50	53	56
Operating Voltage	V	/	19	/
Geometric Size				
Emitter Number	pcs		98	
Array Size	mm ²		19.2*26.69	
Others				
Environmental Attributes	#		RoHS2.0	
Test Temperature	°C		25	

Product Features



Low Wavelength Drift



Small Emission Area



Low Threshold Current



Easy to Collimate

Application Area



3D Sensors



Medical Beauty



Laser Heating



Solid State Pump Source