

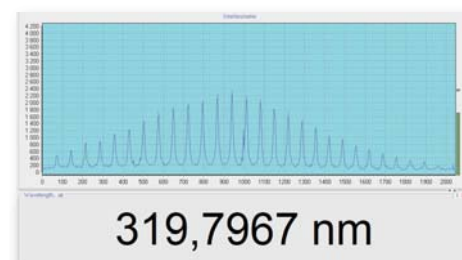
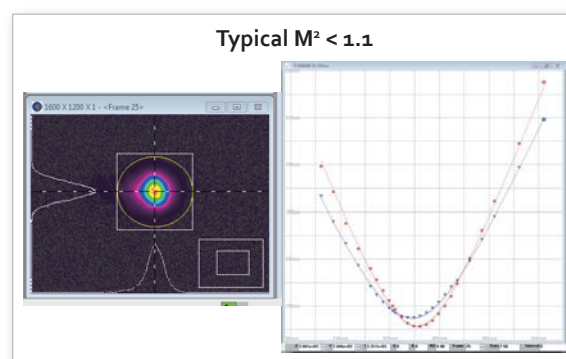
Cobolt Zydeco™ 320 nm 20 mW

Prototype | Model Nr. 0320-05-01-0020-XXXX



Specifications - BETA

Article Number	90407
Wavelength	319.8 ± 0.15 nm
Power at 320 nm	20 mW
Noise, 250 Hz - 2 MHz (pk-pk)	< 5 %
Noise, 250 Hz - 2 MHz (rms)	< 0.7 %
Long-term stability (8 hrs ± 3°C)	< 2 %
Divergence	< 0.8 mrad
Spatial mode (TEM ₀₀)	M ² < 1.1
Beam diameter 1/e ² @ exit	700 ± 70 μm
Beam symmetry	< 0.90 : 1
Polarization ratio (linear, vertical)	> 100 : 1
Spectral linewidth (FWHM)	< 1 MHz
Wavelength stability (8 hrs ± 3°C)	< 1 pm
Beam pointing stability	< 10 μrad / °C
Communication	USB or RS-232
Power supply requirements	15 VDC, 6 A
System power consumption	< 65 W, typical 30W
Maximum laser head baseplate temperature	45 °C
Ambient temperature, storage	-10 -> +60 °C
Warranty	12 months, 5000 hours



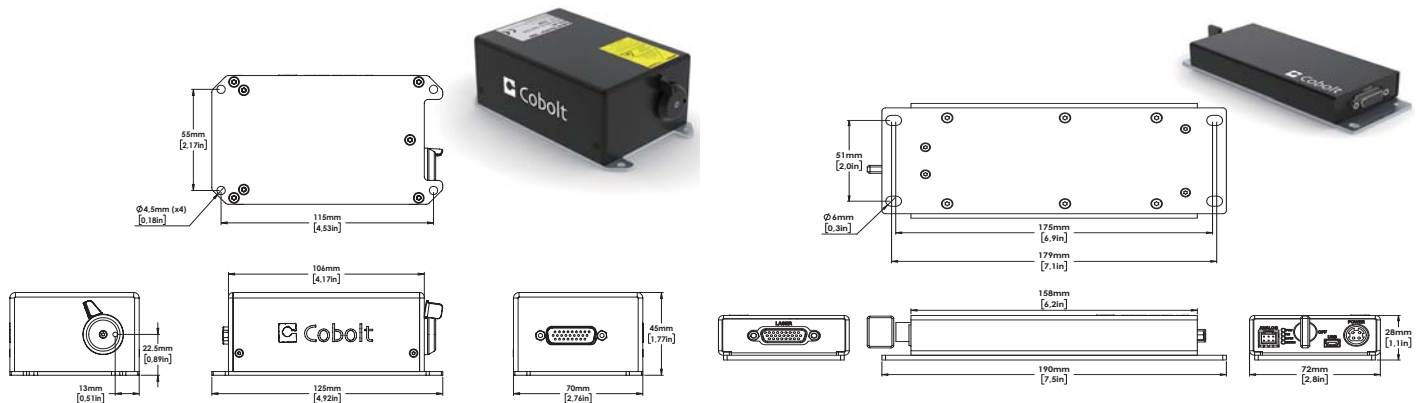
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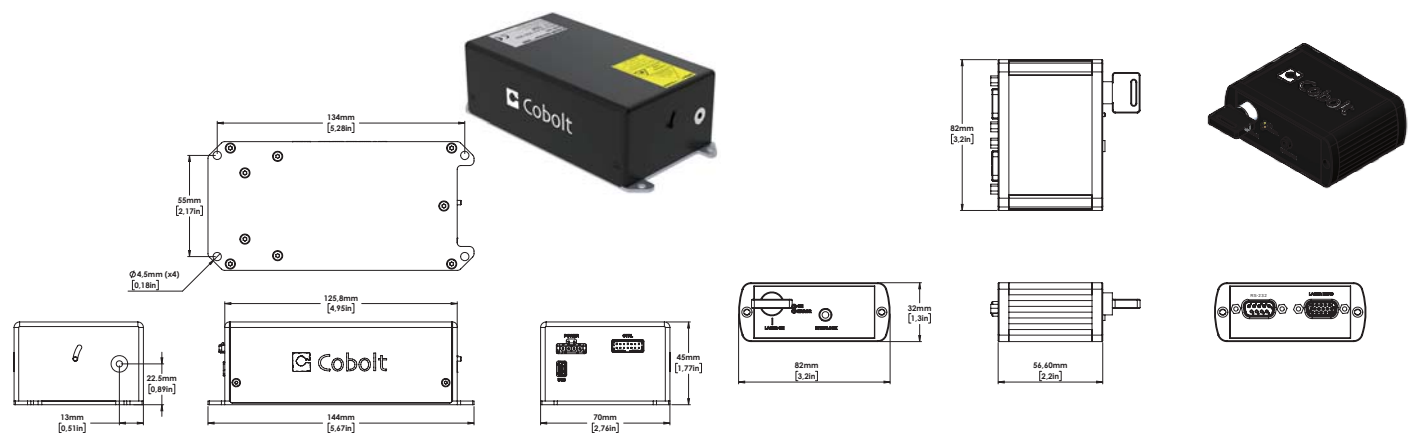
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Mechanical Specifications

05-01



Controller



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