

Self-Contained Cylindrical Helium Neon Laser

- CDRH Class II system (IEC Class 2)
- Convenient carrying and storage case included
- Snap-on base included
- CE compliant (230-Vac version)

This compact, self-contained, cylindrical helium neon laser from Melles Griot is ideal for general alignment, component testing, and laboratory use, as well as for educational and high-volume OEM applications. The unit comes with a snap-on base with mounting holes on two-inch centers for tabletops and other flat surfaces and an ac/dc converter, all in a convenient carrying and storage case.

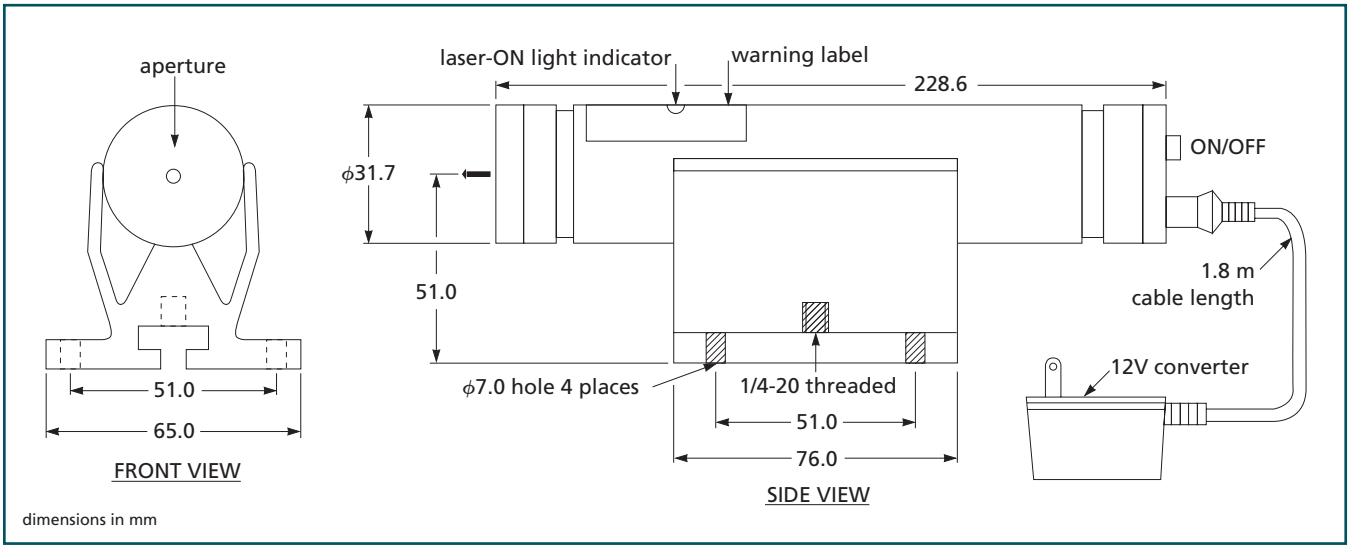
Self-Contained Cylindrical Helium Neon Laser

cw Output Power (mW)	PRODUCT NUMBER*
0.5 – 0.95	05 LLR 811

*Add the appropriate suffix to the product number to indicate input voltage:
-249 for 115 Vac or -230 for 230 Vac.

SPECIFICATIONS:
SELF-CONTAINED CYLINDRICAL HELIUM NEON LASER

Wavelength : 632.8 nm
Transverse Mode : TEM_{00}
Longitudinal Mode Spacing : 1078 MHz
Beam Diameter ($1/e^2$) : 0.47 mm
Far-Field Divergence ($1/e^2$) : 1.70 mrad
Polarization : Random
Mode Sweeping : <15%
Noise (rms) : <3%
Noise Frequency : 30 Hz to 10 MHz
Warm-up Time : ~15 minutes to 95% of maximum power
Input Voltage :
115 Vac or 230 Vac ± 10% (specify at time of purchase)
Input Frequency : 50–60 Hz
CDRH Class : II
IEC Class : 2
CE Compliance : Compliant (230-Vac version only)



05 LLR 811 cylindrical helium neon package

OEM ASK ABOUT OUR CUSTOM CAPABILITIES