

## 660nm-Visible-Red-Acu-Probe



WAVELENGTH	660nm @ 25° C
SEMI-CONDUCTOR MATERIAL	AlGaInP
CONSTRUCTION	Multi-Quantum well
AVERAGE POWER	30 mW
1/e2 SPOT SIZE & SHAPE**	0.575 mm, circular
-3dB SPOT SIZE & SHAPE	0.250 mm, circular
1/e2 SPOT SIZE AREA**	0.260 cm <sup>2</sup>
-3dB SPOT SIZE AREA	0.0491cm <sup>2</sup>
1/e2 POWER DENSITY**	0.245 W/cm <sup>2</sup>
-3dB POWER DENSITY	0.764 W/cm <sup>2</sup>
BEAM DIVERGENCE	60°
1/e2 POWER DENSITY at 1.5cm ***	0.0255W/cm <sup>2</sup>
NOHD*	35 cm
SAFETY SPECTACLES	OD 3+ at 660n
CLASSIFICATION CLASS	3B LASER
APPLICATION	Wound healing and Dermatology

\* NOHD - Nominal Ocular Hazard Distance - The distance at which the Laser output is safe to view without safety spectacles i.e. below the MPE.

\*\* 1/e2 The spot size is recommended to be used for dosage calculations

\*\*\* The recommended treatment distance for intra oral mucosal tissue is 1.5cm