



Light Source Information Leaflet

GENERAL

Type	Laserpointer violet, green, red		
Product name	Laserpointer		
Light Generation Process	Electroluminescence of violet: InGaN green: frequency doubling of YAG:Nd (1064 nm) red: (Al, Ga)InP		
Application areas	Laserpointer, light shows, decoration		
Primary energy	Direct Current (3 V)		

OPTICAL PROPERTIES

Emission maxima and Centroid wavelength	406 nm (± 3.05 eV)	532 nm (± 2.33 eV)	662 nm (± 1.87 eV)
Full width @ half emission maximum	0.7 nm	0.2 nm	0.5 nm
Lumen equivalent	1 lm/W _{opt}	604 lm/W _{opt}	37 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.173, 0.005	0.170, 0.797	0.731, 0.269
Color rendering index (R _a)	-	-53	-
Color temperature	>100000 K	-	<1000

PHYSICAL PROPERTIES

Input power *	-
Luminous efficiency *	-

