



TACPROGEAR HANDHELD LASER DAZZLER SPECIFICATIONS

<u>Wavelength (nm)</u>	405/445/532/635/650/808/980/1064nm
<u>Output Power (mW)</u>	445nm
<u>Power Tolerance (X%)</u>	±10%@25°C 5Min
<u>Beam diameter (CM)</u>	≤50CM@500M
<u>Beam Mode</u>	NEAR TEMP 00
<u>Power density (mW/cm2)</u>	~3.0 mW/cm2
<u>Beam divergence (mrad)</u>	1.0~10.0 mrad (Focus adjustable)
<u>Working mode</u>	CW/Pulse
<u>Weight (KG)</u>	≤0.6KG (batteries excluded)
<u>Dimension (mm3)</u>	φ36mm×234.5mm
<u>Working temperature (°C)</u>	0°C~50°C
<u>Working humidity (X%)</u>	20-85%RH
<u>Storage temperature (°C)</u>	-25°C~75°C
<u>Storage humidity (X%)</u>	10-95%RH
<u>Laser Class</u>	Class IV
<u>Power supply</u>	18650*1
<u>Diode life(hours)</u>	≥8000
<u>Anti-shock test</u>	GBT 2423.43-2008
<u>Anti-interference</u>	GB/T17626.8-1998
<u>Anti-impact test</u>	IEC 60068-2-47:2005



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This handheld Laser Dazzler can be used for Violent crowd control, Anti-Piracy, MOUT Ops, Signaling, Target designation or other Less-Lethal operations requiring a very bright laser.

PLEASE NOTE: This unit is NOT designated eye-safe and may cause vision damage! It is available for Law Enforcement, Military and Authorized contractors only.



Standard Dazzling Distance for Temporary Blindness or Vision Impairment	Output Power Range of 532nm Green laser dazzler	Nominal Ocular Hazard Distance (NOHD)	Power Density	Effective Range (visible) Day to Night
0-30M	150-250mW	10M (0.25 s exposure); 30M (10 s exposure) 50M(30s exposure)	0.6-2.6Mw/cm2; Customizable	200 m (day) – 3km (night)
0-50M	250-350mW	20M (0.25s exposure); 50M (10 s exposure) 70M(30s exposure)	0.6-2.6Mw/cm2;; Customizable	300 m (day) – 4km (night)
0-80M	350-400mW	50M (0.25s exposure); 70M (10 s exposure) 80M (30 s exposure)	0.6-2.6Mw/cm2;; Customizable	400 m (day) – 6km (night)
0-100M	400-500mW	70M (0.25s exposure); 80M (10 s exposure) 100M (30 s exposure)	0.6-2.6Mw/cm2;; Customizable	500 m (day) – 8km (night)
0-150M	500-700mW	100M (0.25s exposure); 120M (10s exposure) 150M(30s exposure)	0.6-2.6Mw/cm2;; Customizable	800 m (day) – 10km (night)

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