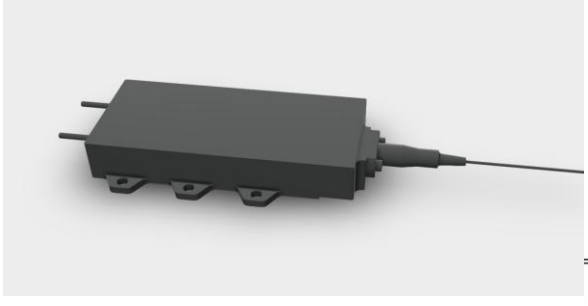
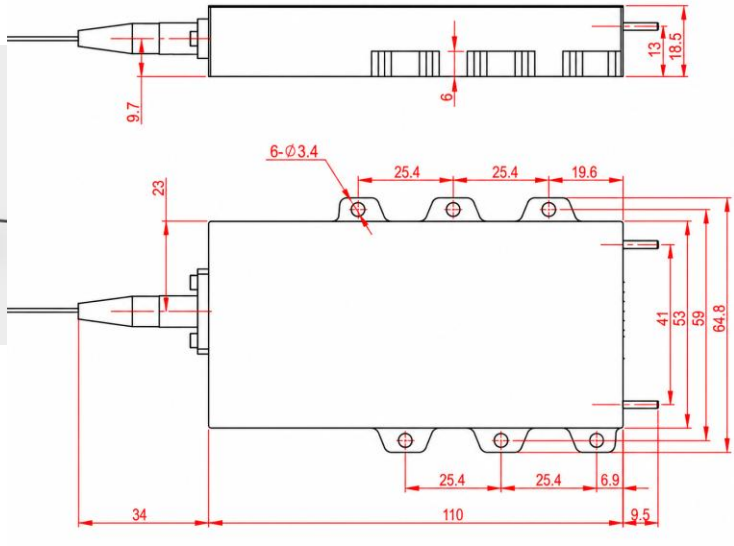
PHOTONTEC BERLIN

PRODUCT SPECIFICATIONS

Model		M808±10-300-F400S/22		
Optical	**Unit**	**Min**	**Typical**	**Max**
Output Power (exit fiber)*	W		300	
Central Wavelength	nm	798	808	818
Spectral Width (FWHM)	nm			6.0
95% Energy Inclosed NA	_		0.18	
Wavelength Temp. Coefficient	nm/°C		0.35	
Fiber Pigtail				
Fiber Core Size	µm		400x400	
Fiber Cladding Diameter	µm		660	
Numerical Aperture	_	0.20	0.22	0.24
Length	m	1		5.0
Connector			Air- or water cooled LD80 (with key)	
Electric				
Threshold Current	A		2.1	
Operating Current	A		10.5	24.0
Operating Voltage	V		78.5	79.3
Slope Efficiency	W/A		36.0	
Power Conversion Efficiency	%		37	
Accessories (optional)				
Thermistor Restance at 25°C	kΩ		10	
Aiming Beam Wavelength	nm		630 - 660	
Absolute Ratings				
Operating Temperature (Thermistor)	°C		25 – 40	
Operating Humidity	%		< 75	
Storage Temperature	°C		-20 – +80	
Pin Soldering Temperature	°C		260 (10s)	

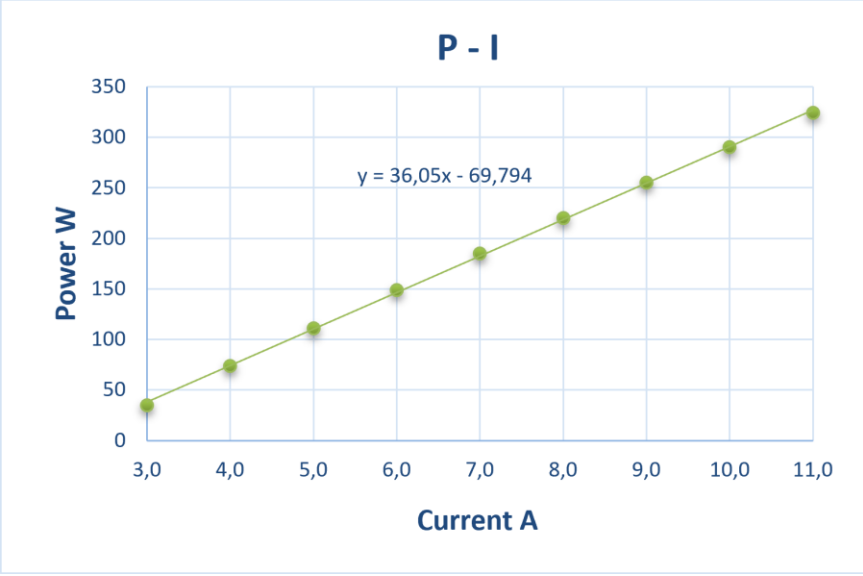


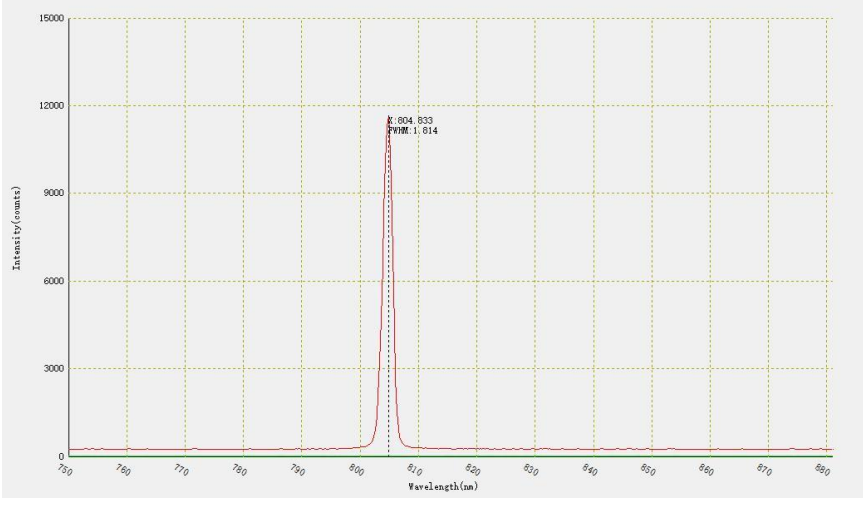


PhotonTec Berlin GmbH
Warthestrasse 21
14513 Teltow, Germany

Tel.: +49-30-83409380
info@photontec-berlin.com
www.photontec-berlin.com

LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT





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