

MOD

Fiber Coupled High Power LEDs

The MOD series of High Power Fiber Coupled LEDs are complete turn key non laser fiber coupled light sources. These compact, economical light sources come in a wide range of wavelengths. They produce a minimum of 1.5mw output from a 1m long, 600um, .22na fiber throughout the visible spectrum*.

A standard MOD comes with a female SMA fiber connection, front mounted controls for on/off, intensity and modulation. Input for TTL control of on/off, intensity and modulation is also standard (located in the rear). Other connector options are available.

The MOD offers end users and OEMs an appealing alternative to classic light sources for spectroscopy, particle measuring, machine vision and other applications. Please note all of our products can be modified to meet our customers individual requirements.

*See back for minimum output for other MOD wavelengths.



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Part #	Wavelength	FWHM	Min Power (600um .22na Fiber)	MAX Drive Current CW	MAX Drive Current Pulsed	MAX Duty Cycle Pulsed
MOD-240	240	10nm	2uw	20mA	200mA	1%
MOD-245	245	10nm	2uw	20mA	200mA	1%
MOD-250	250	12nm	5uw	20mA	200mA	1%
MOD-255	255	12nm	5uw	20mA	200mA	1%
MOD-260	260	12nm	15uw	20mA	200mA	1%
MOD-265	265	12nm	15uw	20mA	200mA	1%
MOD-270	270	12nm	15uw	20mA	200mA	1%
MOD-275	275	12nm	15uw	20mA	200mA	1%
MOD-280	280	12nm	15uw	20mA	200mA	1%
MOD-285	285	12nm	15uw	20mA	200mA	1%
MOD-290	290	12nm	15uw	20mA	200mA	1%
MOD-295	295	12nm	15uw	20mA	200mA	1%
MOD-300	300	12nm	15uw	20mA	200mA	1%
MOD-305	305	12nm	15uw	20mA	200mA	1%
MOD-310	310	10nm	15uw	20mA	200mA	1%
MOD-315	315	10nm	15uw	20mA	200mA	1%
MOD-325	325	12nm	15uw	20mA	200mA	1%
MOD-335	335	15nm	20uw	20mA	200mA	1%
MOD-345	345	15nm	20uw	20mA	200mA	1%
MOD-355	355	15nm	1mw	500mA	1000mA	50%
MOD-365	365	10nm	750uw	500mA	1000mA	50%
MOD-375	375	12nm	1mw	500mA	1000mA	50%
MOD-385	385	10nm	200uw	30mA	60mA	50%
MOD-395	395	15nm	750uw	500mA	1000mA	50%
MOD-405	405	15nm	200uw	30mA	60mA	50%
MOD-415	415	15nm	200uw	30mA	60mA	50%
MOD-430	430	15nm	1mw	1000mA	2000mA	50%
MOD-455	455	18nm	1mw	1000mA	2000mA	50%
MOD-470	470	18nm	1mw	1000mA	2000mA	50%
MOD-490	490	20nm	1mw	1000mA	2000mA	50%
MOD-505	505	20nm	1mw	1000mA	2000mA	50%
MOD-530	530	30nm	750uw	700mA	1500mA	50%
MOD-590	590	20nm	750uw	700mA	1500mA	50%
MOD-617	617	20nm	750uw	700mA	1500mA	50%
MOD-627	627	20nm	750uw	700mA	1500mA	50%
MOD-680	680	20nm	200uw	50mA	100mA	50%