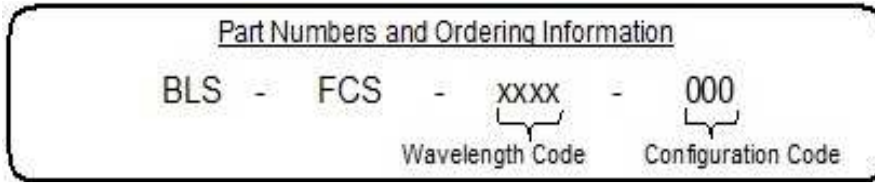


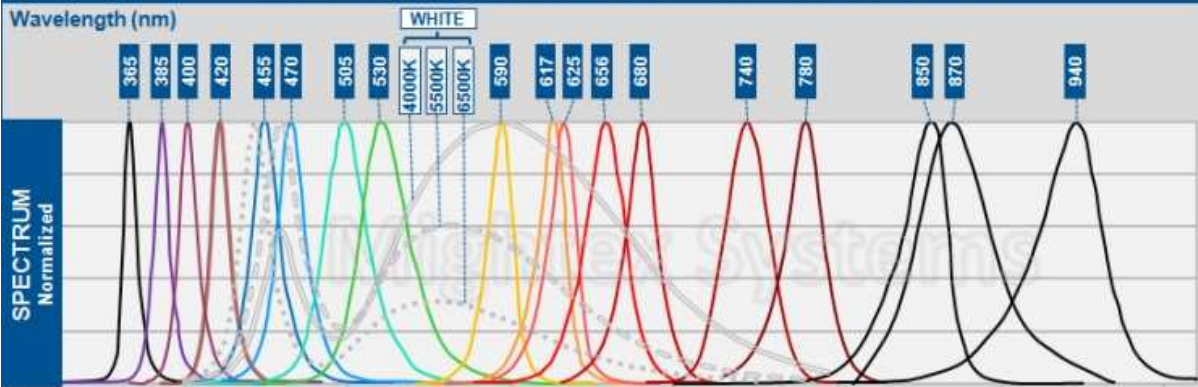
OPTICAL PERFORMANCE SPECIFICATIONS FIBER-COUPLED BIOLED'S



Wavelength Code (xxxx)	Description	Peak Wavelength (nm)	Radiant Flux1	
			CW Mode	IntelliPulsing Mode
0000	Cool White	5500K	3.2mW	6.5mW
0001	Warm White	4000K	3.2mW	6.5mW
0240	Deep UV	240	10µW	20µW
0255	Deep UV	255	45µW	90µW
0260	Deep UV	260	45µW	90µW
0275	Deep UV	275	90µW	180µW
0280	Deep UV	280	90µW	180µW
0285	Deep UV	285	90µW	180µW
0295	Deep UV	295	75µW	150µW
0310	Deep UV	310	90µW	180µW
0325	Deep UV	325	60µW	120µW
0340	Deep UV	340	60µW	120µW
0365	UV365nm	365	5.8mW	12mW
0385	UV385nm	385	5.8mW	12mW
0400	UV400nm	400	0.8mW	1.6mW
0400	UV400nm, 4W	400	3.5mW	13mW
0420	420nm	420	2.6mW	5.2mW
0455	Royal Blue	455	7.0mW	15mW
0470	Blue	470	8.0mW	16mW
0505	Cyan	505	3.5mW	7.0mW
0530	Green	530	2.0mW	4.0mW
0590	Amber	590	1.2mW	2.5mW
0617	Red-Orange	617	6.5mW	13mW
0625	Red	625	6.5mW	13mW
0656	Deep red	656	6.5mW	13mW
0657	Deep red	657	1.0mW	2.0mW
0680	Deep red	680	1.4mW	2.8mW
0740	NIR 3W	740	3.6mW	7.2mW
0780	NIR	780	2.2mW	4.5mW
0850	NIR	850	4.0mW	8.0mW
0870	NIR	870	1.4mW	2.8mW
0940	NIR	940	4.0mW	8.0mW

Note: * - measured with a 400µm core 0.22 numerical aperture (NA) fiber. Output optical power scales approximately linearly with fiber core area and NA². With a 400micron-core 0.39NA fiber, the output power will be 3.14x as what has been stated in the table above. For example, for the 470nm wavelength, the output power will become 25mW in CW mode and 50mW in "IntelliPulsing" mode, instead of 8mW and 16mW (respectively) as shown in the table above.

Mightex LED Wavelength Portfolio



Notes: (1) Deep UV LED's ranging from 240-340nm are available, which are not listed here; and (2) New LED wavelengths are continually added to the portfolio, please visit www.mightex.com for updated list.

(July 2012)

Mightex UV LED Wavelength Portfolio



Notes: (1) UV/VIS/IR LED's ranging from 365-940nm are available, which are not listed here; and (2) New LED wavelengths are continually added to the portfolio, please visit www.mightex.com for updated list.

OPTICAL PERFORMANCE SPECIFICATIONS

Part Numbers and Ordering Information

BLS - WFC - Hx - XXXX - XXXX - ... - XXXX
 # of Wavelength Wavelength Code #1 Wavelength Code #2 (repeat if applicable) Wavelength Code #N
 [Note: N<=8]

Wavelength Code (xxxx)	Wavelength (nm)	Output Power1(mW)							
		2-wavelength		3-wavelength		4-wavelength		(5~8)-wavelength	
		CW	IntelliPulsing	CW	IntelliPulsing	CW	IntelliPulsing	CW	IntelliPulsing
0365	365	4.8	10.0	4.6	9.2	4.3	8.5	3.9	8.0
0385	385	4.8	10.0	4.6	9.2	4.3	8.5	3.9	8.0
0400	400	4.4	9.0	4.2	8.5	4.0	8.0	3.6	7.2
0420	420	1.6	3.5	1.5	3.0	1.4	2.8	1.3	2.6
0455	455	5.6	11.5	5.3	11.0	5.1	10.5	4.5	9.0
0470	470	6.0	12.0	5.7	11.5	5.4	11.0	4.9	10.0
0505	505	2.8	5.6	2.6	5.2	2.5	5.0	2.3	4.6
0530	530	2.4	4.8	2.3	4.6	2.2	4.4	1.9	4.0

0590	590	1.3	2.6	1.2	2.4	1.2	2.4	1.1	2.2
0617	617	5.2	10	4.9	10	4.7	9.4	4.2	8.4
0625	625	6.1	12.2	5.9	11.8	5.5	11.0	5.0	10.0
0656	656	5.2	10	4.9	10	4.7	9.4	4.2	8.4
0740	740	2.4	4.8	2.3	4.6	2.2	4.4	1.9	3.8
0850	850	3.2	6.4	3.0	6	2.9	5.0	2.6	5.2
0870	870	2.4	4.8	2.3	4.6	2.2	4.4	1.9	4.0
0940	940	3.2	6.4	3.0	6.0	2.9	6.0	2.6	5.2