

Cellink 405nm crosslinking module

Optoelectrical parameters:

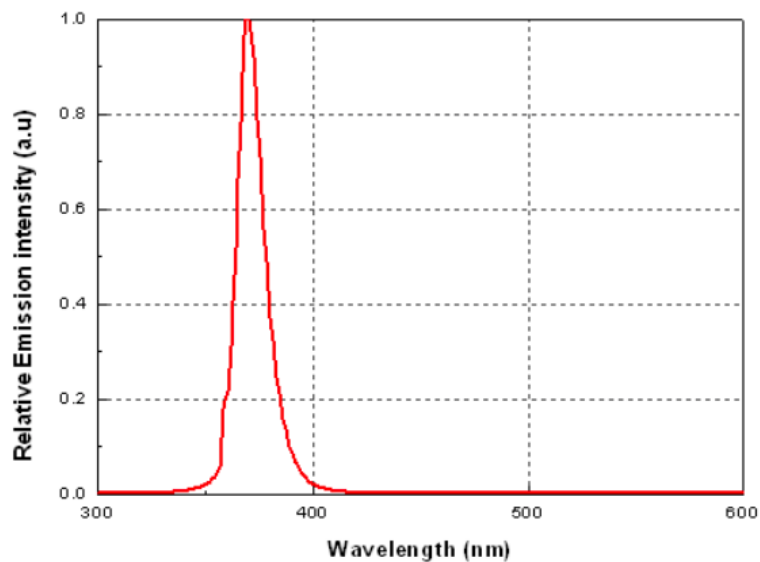
Parameter	Symbol	Min.	Typ.	Max	Unit	Condition
Radiant Flux	Φ_e	900	---	---	mW	IF=500mA
Forward Voltage	VF	3	---	3.6	V	
Peak Wavelength	λ_p	---	405	---	nm	
Viewing Angle	$2\theta_{1/2}$	---	50	---	deg	

Usage in Bio X:

Drive current: 700mA

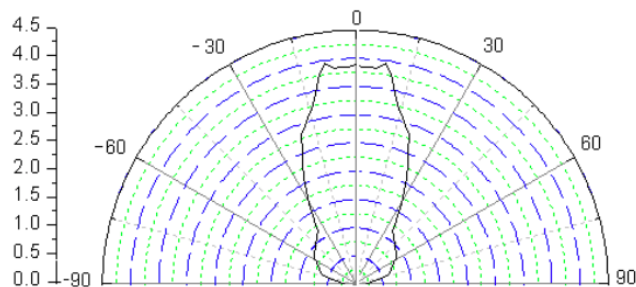
Nominal distance to surface: 60mm

Spectral width



Note that the center in the diagram is not at the same wavelength. The spectral width is the same, however

Radiation diagram



Notes:

1. $2\theta_{1/2}$ is the off axis angle from lamp centerline where the luminous intensity is 1/2 of the peak value.
2. View angle tolerance is $\pm 5^\circ$.