

Prizmatix

FC-LED-BBW

Fiber Coupled Broadband White LED Light Source for Spectroscopy

Ver. 2.0

Introduction

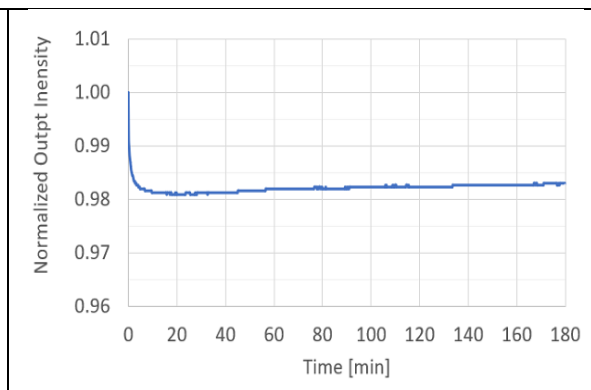
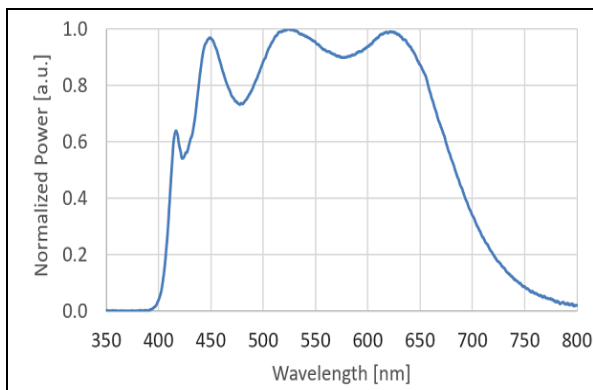
The FC-LED-BBW Fiber-Coupled Broadband White LED is a light source for spectroscopy applications.

FC-LED-BBW features wide emission spectrum from 400nm to 750nm. This wide spectrum is excellent for various reflection and transmission spectroscopy applications as well as color measurements. The FC-LED-BBW is a self-contained light source including all necessary driver electronics and thermal management.



Optical Specifications

| Fiber Type | Fiber Core | Fiber NA | Output Power |
|------------|--------------|----------|--------------|
| Silica | 400 μ m | 0.39 | 3.9mW |
| Glass | 550 μ m | 0.22 | 7.7mW |
| Glass | 600 μ m | 0.39 | 8.2mW |
| Glass | 1000 μ m | 0.39 | 23.5mW |
| Glass | 1000 μ m | 0.5 | 32mW |
| Polymer | 1000 μ m | 0.5 | 25mW |
| Polymer | 1500 μ m | 0.5 | 50mW |



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