

QFC LED Systems for Optical Fiber Applications

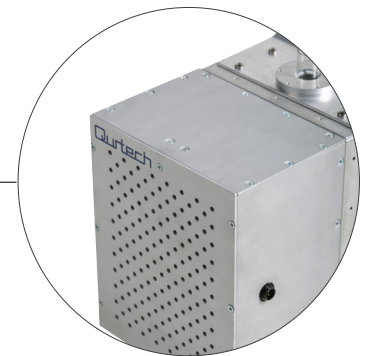
A complete range of customized high-power air-cooled UV LED curing solutions for optical fiber applications. Both for new installations as well as replacement/retrofits of conventional microwave lamps on existing draw towers and coloring machines, comprising LED system with adjustable lamp head, smart extraction modular blower unit, power supply & controls, connecting cables for an easy plug & play installation.



LED System featuring adjustable lamp head from 14 to 53mm (distance from the fiber)



LED System, industry std back-reflector retrofitting option



Smart extraction modular blower unit (duct free operations), industry std back-reflector retrofitting option

QFC LED Systems for Optical Fiber Applications

All in one power supply & controls with industry std dry contacts or ethernet machine interface.
Front Panel Indicators & Controls: Power On/StBy/Off switches, remote/local controls, power level regulators and USB port. Easy plug & play integration and installation, minimal maintenance requirements. Scalable solution with each PSU powering and controlling two LED systems. Industry 4.0 enabled.



Machine interface featuring industry std dry contacts option

Tech Specs - PSU

Operating temperature range:	10-40°C
Dimensions (L x W x H):	475 x 425 x 150 mm
Weight:	7.7 kg
Input voltage:	115/230VAC 50/60Hz
Max. AC Input Current:	13A
Protection Rating:	15A, Fuse
Max. DC Power:	3000W
Operating Voltage:	48V
Max. DC Current:	54A
Output Power Level:	20-100%
No. of DC Output connectors:	2
Certifications:	CE, RoHS, WEEE

Tech Specs - LED head

UV power density:	up to 25W air cooled
Peak Wavelengths:	365, 385, 395nm
Typical Power Consumption (@100%):	600W
Operating Voltage:	48V DC ± 2V
Weight:	2.7 kg
LED cooling:	air
Std emitting/cure window:	150, 225 and 300 mm
Noise Level with system casing:	<68dB
LED Warranty:	3 years or 20.000 service hours