

# High-Intensity Compact Light Source with Mercury Short-Arc Reflector Lamp 200 W

## LQ-ME 200

The LQ-ME 200 is a powerful source for efficient coupling of the light by means of quartz or liquid light guides in a great variety of lighting systems for microscopy, image processing, research and production. The optimised internal airflow efficiently cools the lamp and ensures quiet operation. A mean lamp life of 2,000 hours is reached for the lamps. A resettable service hours meter makes it possible to monitor the lamp life. The intensity can be varied with a shutter in 5 steps (0 – 100%). The fast shutter opens or closes after activation in 6 ms. The shutter is activated by a device switch, but this is also possible externally via a remote control input, USB or CAN BUS connector.



Light source with lighting adapter

Lighting

## Spectrum LQ-ME 200

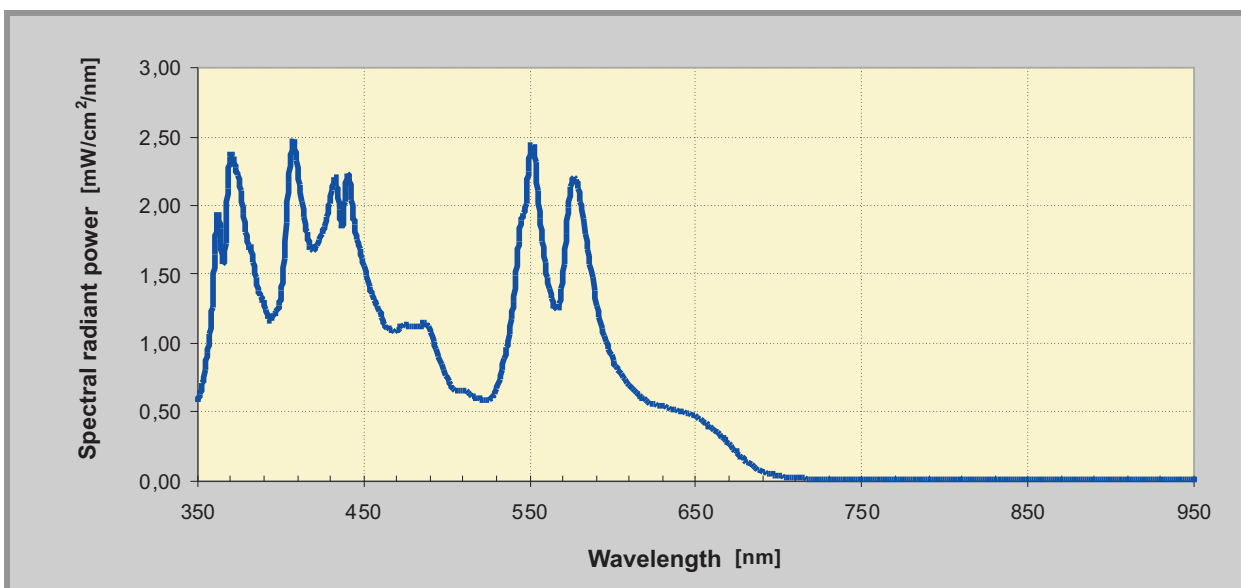
HBO/XBO

Light sources

Flashlights

UV-Equipment

Other



## Features

- typical 14 W light output in the range of 350 – 1050 nm (5 mm active fibre diameter)
- easy-to-replace lamps, no adjustment
- typical lamp service life: 2000 h LQ-ME 200
- fast motor-driven shutter
- 5-steps dimming
- low load from thermal radiation on object to be illuminated
- automatic glare shield if no light guide is connected

## Applications

- microscopy / fluorescent lighting
- image processing
- forensics
- UV curing

Subject to alterations with regard to technological progress

## Technical data LQ-ME 200 Device equipment

- RoHS - compliant
- CE - compliant
- UL/CSA - approval



LQ-ME 200 with lighting adapter

<b>Lighting</b>	<b>Electrical connection</b>	
	Mains voltage	100 up to 240 VAC ± 10 %, 50 up to 60 Hz
<b>HBO/XBO</b>	Power input	max. 310 VA
	Protection class	IP 20 (EN 60529)
<b>Light sources</b>	<b>Dimensions desktop device</b>	
	H x W x D	210 x 138 x 290 mm
	Weight	4,9 kg
<b>Flashlights</b>	<b>Equipment</b>	
	Shutter	max. frequency 40 Hz, switching time approx. 6 ms control via external switch, USB or CAN bus connector
<b>UV-Equipment</b>	Dimming	mechanical, 5 steps, 0 ... 100%
	Operating hour meter	display lamp life, resettable
<b>Other</b>	Safety	glare protection, over-temperature protection, internal safety circuit
	<b>Configurations</b>	
	-3	Storz long light guide mount, active diameter 3 mm
	-5	Storz long light guide mount, active diameter 5 mm
	-X	Multipole LUMATEC D light guide mount

<b>Accessories</b>
Accessories such as replacement bulbs, fiber-optic cables and adapters can be found in the separate data sheet:
<b>compact light source: accessories</b>

<b>Order</b>	
Scope of delivery	device with lamp mains cable and manual (optional accessories)
Order example	LQ-ME 200-3
As there are many customer-specific configuration possibilities with the basic device types and accessories, just ask us.	

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