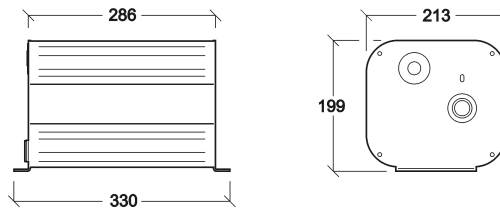The FiberSource QFX150 is an automated 150 W color-changing luminaire for illuminating fiber optic cables in permanent installations. It features a color wheel with 9 interchangeable colors and smooth, full-range mechanical dimming.

- 150 W metal halide lamp
- Color wheel with up to 9 interchangeable colors (4 are included)
- 0-100% intensity control
- Up to 800 fiber cables (1 mm)
- Blackout and strobe functionality
- Twinkle wheel for sparkling effects
- DMX or stand alone control

Physical	Length: 330 mm (13.0 in.) Width: 213 mm (8.4 in.) Height: 199 mm (7.8 in.) Weight: 10.4 kg (22.9 lbs.)
Lamp	Type: 150 W metal halide Approved lamps: Osram HQI-R 150 Socket: Separate connector for integral lamp wires Control: Remote on/off
Dynamic Effects	Color wheel: 9 positions + open, continuous rotation Twinkle effect: Removable section, continuous variable-speed rotation Dimmer: 0 - 100%
Control and Programming	Control options: DMX, stand-alone, synchronized (master/slave) DMX channels: 5 DMX address setting: DIP switch Stand-alone and master/slave programming: DIP switch Protocol: USITT DMX512/1990 Receiver: RS-485
Construction	Housing: Steel and aluminum Finish: Electrostatic powder-coated Color: Black (RAL 9005) Protection rating: IP20
Installation	Orientation: Horizontal Minimum distance to combustible materials: 0.1 m (0.3 ft.) Minimum clearance around fan and air vents: 0.1 m (0.3 ft.)
Connections	Power connection: 3-pin IEC male socket Data connection: 3-pin locking XLR
Electrical	AC power: 100/120/210/230/250 V, 50/60 Hz Main fuse: 5 AT (slow blow)
Typical Power and Current	120 V, 60 Hz: 205 W, 1.9 A 230 V, 50 Hz: 195 W, 1.0 A *Measurements made at nominal voltage. Allow for a deviation of +/- 10%.*

Thermal	Maximum ambient temperature (Ta max.): **40° C (104° F)**
	Maximum surface temperature, steady state, Ta=40° C (104° F): **58° C (136° F)**
	Cooling: **Forced air cooling system**
	Total heat dissipation (calculated, +/- 10%): **700 BTU/hr.**

Approvals

US safety: **UL 153**
EU safety: **EN 60598-2-17 + Corr. A2**
EU EMC: **EN 55 015, EN 55 103-1, EN 61 547**

Included Items

Osram HQI-R 150 lamp: **P/N 97010101**
3 m (9.8 ft.) power cable, 3-pin IEC: **P/N 11501013**
5 m (16.4 ft.) data cable, 3-pin XLR: **P/N 11820008**
Blue 108 color filter on adaptor: **P/N 62327030**
Yellow 603 color filter on adaptor: **P/N 62327031**
Green 206 color filter on adaptor: **P/N 62327033**
Red 308 color filter on adaptor: **P/N 62327032**

Accessories

Fiber adaptor, 75-350 pcs. (25 pcs. interval) Ø 1 mm (0.04 in.) fiber, D= 30 mm (1.2 in.): **P/N 91611035**
G-clamp: **P/N 91602003**
Half-coupler clamp: **P/N 91602005**
Optional color filters: **See user manual**

Spare Parts

Osram HQI-R 150 lamp: **P/N 97010101**
5.0 AT main fuse: **P/N 05020018**

Ordering Information

FiberSource QFX 150: **P/N 90522000**