

Sewertronics

LED-based UV Cure
for CIPP



Small-diameter

	SpeedyLight+	competing LED technology
working range (felt)	4–12" (100–300 mm)	4–10" (100–250 mm)
working range (glass fiber)	4–18" (100–450 mm)	n/a
cure wavelength	400 nm (fiberglass compatible)	450 nm (fiberglass incompatible)*
liner compatibility	various felt and glass fiber	proprietary felt liner
length options	164' (50m), 230' (70m), 328' (100m)	141' (40m), 164' (50m), 328' (100m)
head type	rotating	stationary
head versatility	interchangeable (3 head options)	fixed (single head offered in 2 sizes)
operating personnel	1	2
simultaneous insertion/inspection	yes	yes
video monitors	2	1
remote diagnostics	yes	no
portability/setup	●●●	●●○
integrated power supply	yes	no
meets or exceeds ASTM 1216	yes	yes

* "Compatible" in this table refers to the ability to cure most common pre-impregnated glass-fiber liners on the market.



Large-diameter

	LED Rig	lamp-based UV technology (no other LED solution available)
working range (glass fiber)	4–24" (100–600 mm)	6–48" (150–1200 mm)
speed	●●●●	●●●○
cable size	6 mm	16–20 mm
power req'd	110 Vac mains	3-phase via 20-30 kW generator
operating temperature	160°F	1,100°F
warm-up/cool-down required	no	yes
hand-portable	yes	no
efficiency	60–70%	15–20% (decreases with use)



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