

### Light Roll LR50 - Technical Specifications

#	Characteristic	Details
1	System delineation unwind length	50m / 164ft
2	Modes of operation	3 modes: Steady, Flash and OFF
3	LyTec® strength (for stepping)	Over 150 times, on same point (hard surface, 260 lbs – 120kg - person), with only local visual damage
4	LyTec® strength (for bending, on same position)	100 times (170mm diameter)
5	LyTec® strength (for stretching) -	20 kg / 44 lbs, Maximum
6	LyTec® strength (for twisting)	30 degrees for meter
7	LyTec® diameter	5.0mm ± 0.3
8	LyTec® color	Lime
9	LyTec® chemical resistance (More detailed list is available upon request)	LyTec® chemical resistance, thermal stability, stability, resistance to abrasion, fungi and permeability to gases and liquids comply with the properties of outward insulating coating made of PVDF. Tables of PVDF, KYNAR® & KYNAR® Flex.
10	Inverter Output Voltage (With LyTec® wire)	80 Volts RMS +/-15%
11	Inverter Output Frequency (With LyTec® wire)	700 Hz +/-15%
12	Input Power Consumption (DC)	6 Watt +/-15%
13	System weight (with case, one set of batteries)	15.5 Kg / 34.1 Lbs
14	System weight (without case, one set of batteries)	9.3 Kg / 20.5 Lbs
15	External case dimensions	20 11/16 X 17 3/16 X 8 9/16 (inches) 52.5 X 43.7 X 24.3 (cm)
16	Working time (one set of batteries) – Steady mode	4 hours, at room temp. (8 hours – with two sets of batteries)
17	Working time (one set of batteries) – Flash mode	8 hours, at room temp. (16 hours – with two sets of batteries)
18	Batteries to be used	12 X AA, High quality Alkaline (Energizer®)
19	Operating temperature limitation (LyTec®, unspooled, electronic unit, due to batteries typical limitation, for 2hours)	-20°C to +50°C / -4°F to +119°F
20	System shelf life	3.5 years at room temp, R.H. <65%
21	Expected number of operating cycles	Over 100 cycles
22	Brightness (steady mode)	Luminous Flux: 0.47 Lumen/m, at room temp. Electrical Conditions: 800HZ / 80V
23	Water resistance	<ul style="list-style-type: none"> <li>• Electronic unit: IP-67</li> <li>• LyTec® wire: IP-68</li> <li>• The case is water resistance</li> </ul>