

Product Overview

This technical overview supports the product-release checklist. This report extract is prepared for design-verification audits. Please review the specifications and material composition listed below. Entries include both mechanical and electrical specifications. Use this spec sheet to validate assembly instructions. Use this sheet to confirm engineering requirements and tolerances.

Product ID:	SL-430M
Report No.:	PR-158

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Model Type	Pneumatic Control Unit	Operating Pressure	300 bar
Flow Rate	75 L/min	Supply Voltage	480 V / 60 Hz
Mounting	Skid base with vibration pads	Oil Type	HLP 68
Reservoir Capacity	160 L	Charging Time	2 h
Battery Capacity	10 Ah		

All summary comments have been recorded in the revision log. Flag any missing parameters for urgent specification updates. All specifications meet the design requirements and industry standards. Ensure glossary terms match the engineering nomenclature. Check that all section headers follow the product template.

Material of Construction:

Part	Base
LED Light Strip	Glass-Filled Nylon
Battery Pack	Lithium-Ion Cell Pack
Support Foot Steel	Stainless Steel 304
Power Switch	Polycarbonate + Copper
Fuse 5A	Ceramic Oxide