



SERVICING W.A | RESIDENTIAL & COMMERCIAL



T E C H N I C A L D A T A S H E E T

S L E D



BRUSHLESS IPU TECHNOLOGY low voltage electromechanical gear motor for intensive use, reversible, on-board power inverter with integrated digital encoder, ideal for leaves up to 1.8m.

Variant SKU	SLED
Max Gate Weight	Up to 150kg per leaf
Max Gate Length	Up to 1.8m per leaf
Opening Time at 90°	6-30s
Power Line Supply	230V AC - 50Hz
Motor Supply Voltage	36V AC
Power Rating	200W
Duty Cycle	100% Intensive Use
Thrust	300N
Operating Temperature	-20+55°C
Protection Level	IP44
Reductor Type	Reversible
Limit Switch	Mechanical stoppers on opening and closing only with LT341 accessory
Backup Batteries	Optional 3 external batteries 12V DC 4.5 Amp/h (Separate Enclosure)
Control Board	F70/IPU36
Encoder	Digital encoder + SENSORLESS 4096 PPR
Operating Cycles Per Day	400000
Manoeuvre Speed	0.6 - 6.6 Rpm

ROGER TECHNOLOGY

SLED



6-30s



150



Warranty



100%
Duty Cycle

Recommended Accessories:



Remote

Universal Control System



Back-up Battery

External Battery Back-up 36V



Slide Arm Lever

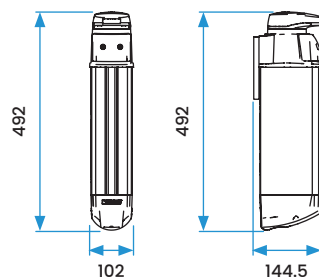
for articulated SLED



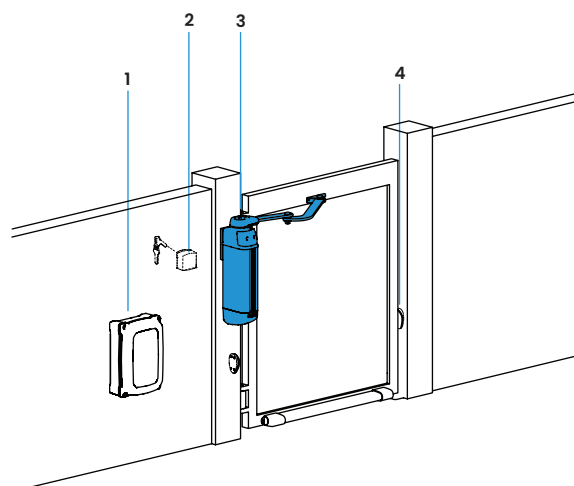
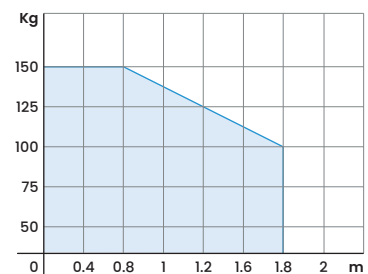
Photocells

15m Range

Dimensions:

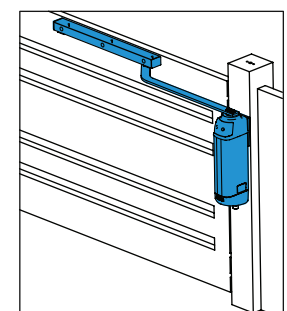


Operating Limits



Typical Ped Gate Set Up

1. Control Box
2. Keypad/Exit Button
3. Motor
4. Safety Beam



with Slide Arm



▪ **Brushless Digital Motor**

with low 36V, extremely compact and powerful. It operates at ambient temperature making it suitable for extremely intensive use with low energy consumption.

▪ **Intelligent Processing Unit (IPU)**

is the new patented control unit to manage the Brushless automation systems with on board PMC inverter.

▪ **Programming and Features**

include a backlit graphic display, language relevant menus, stroke self-programming functions, graphic command and safety device view, alarm management and manoeuvre counter.

▪ **High Speed RS485 Modbus**

connection allows monitoring of all motor operating parameters in real time and synchronizing the action of two automation systems.

▪ **Reversible Gearbox**

that allows opening and closing of the gate manually at any time.

▪ **Main Output Shaft**

is obtained through a billet rolling process, making it suitable for extra intensive use at high speed, for gates up to 1.8W and 200KG.

▪ **Slide Arm**

with sliding roller and adjustable double mechanical stop to manage the opening and closing limit switches

▪ **Articulated Arm**

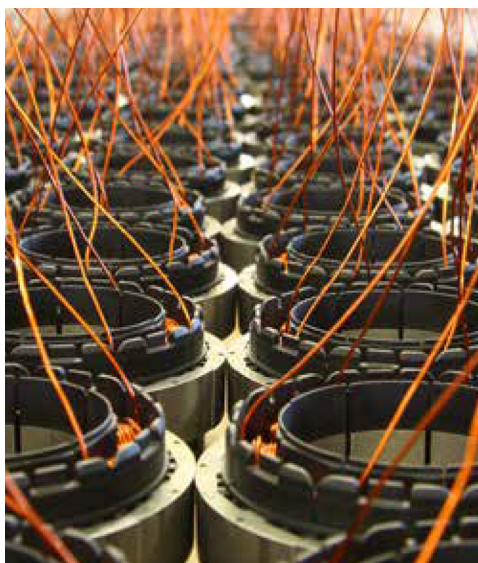
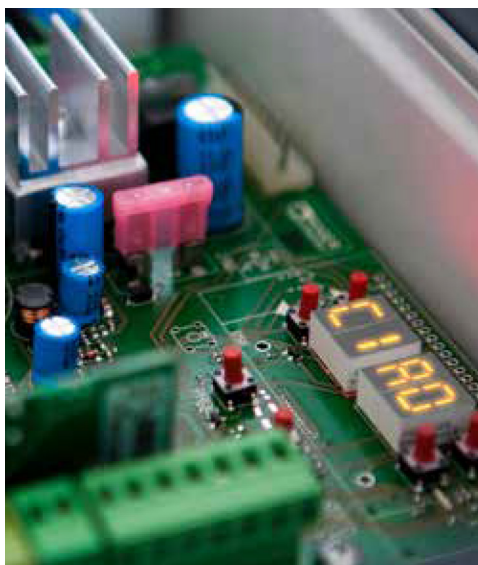
are available for SLED automation systems to ensure full adaptability to any type of installation.

▪ **Aluminium Profile With Led Set-Up**

designed to house a RGB LED strip with traffic light, flashing and multicolour function.

▪ **Sustainability**

Roger Technology is a green customer-centric company dedicated to creating sustainable products through environmentally responsible production processes, innovative technologies, and a culture that prioritizes the health, safety, and development of its workers and customers.





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