

SAFETY INSTRUCTIONS

- 1 Light towers shall be stalled on a solid floor, in a clean location with sufficient ventilation (at least 1 meter away from walls).
- 2 Provide earthing to your light tower as well as the load. Light tower must be protected against short circuits with fuses and circuit breakers.
- 3 When the unit is used in a confined space, conduct engines exhaust to the outside atmosphere⁽¹⁾.
- 4 When operating in a dust-laden atmosphere, place the unit so that dust is not carried towards it by the wind.
- 5 Operate the unit only for the intended purpose and within its rated limits (pressure, temperature, speeds, etc).
- 6 Avoid overloading the light tower⁽¹⁾.
- 7 Pay attention to the markings on the unit.
- 8 Before connecting the load, switch off the corresponding circuit breaker, and check main load characteristics⁽¹⁾.
- 9 Never operate the generator in a humid atmosphere.
- 10 Do not open electrical cabinets, cubicles or other equipment while voltage is supplied.
- 11 Never touch the power terminals during operation of the machine.
- 12 Do not deploy the mast:
 - If light tower is not standing in an even surface with adjusted stabilizers.
 - In the vicinity of the overhead power cables.
 - With people staying too close.
 - If the wind is stronger than 80 km/h.
- 13 The light tower is equipped with an emergency button (S2). It should only be used in emergency situations and not to stop the generator.

⁽¹⁾For more information check Instruction Manual.

BEFORE STARTING

- 1 Check engine oil and fuel level and top up if necessary.
- 2 Check the tightness of all bolts and nuts.
- 3 Check that the circuit breaker (Q1) is switched off and all other breaker are in the OFF position.
- 4 Check that fuses have not tripped and emergency button is OUT position.
- 5 Check load is switched off.
- 6 Make sure that the controller is NOT in AUTO mode.

INSTALLATION

Lifting

- LE is integrated in the bodywork and has easy access.
- FS are provided in the frame at each side of the unit.

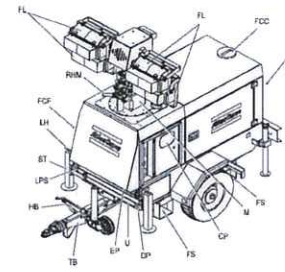
Positioning and transport

- ST have to be extended at maximum while operating and retracted in transport mode. Always locked with the pin (LPS).
- To adjust height and ensure stability turn the LH of all ST, checking the levels on top of the light tower.
- Once the Light tower is correctly positioned, install or remove a suitable earthing (EP)
- While transporting make sure M is lowered completely and turned 90°

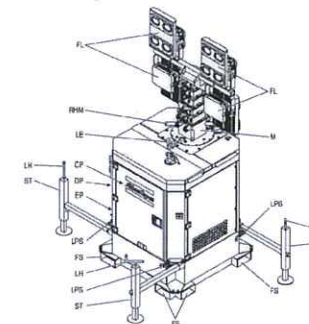
⁽²⁾For more information check Instruction Manual.



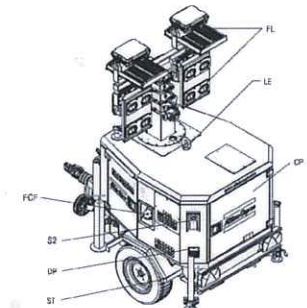
MAIN PARTS



HiLight H4



HiLight B5+



HiLight H5+

CP Control panel
DP Data plate
EP Earth pin (optional)
FL Floodlights
FCC Filling cap coolant

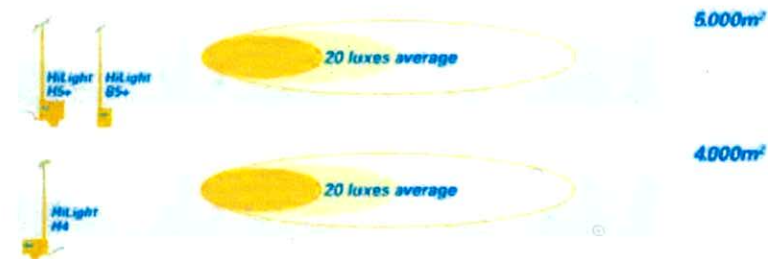
FCF Filling cap fuel
FS Forklift slots
HB Handbrake
LE Lifting eye
LPS Locking pin stabilizer

LH Levelling handle, to adjust the height of the supporting foot
M Mast
RHM Rotating handles mast
ST Stabilizer and supporting foot

Technical Characteristics

		HILIGHT H4	HILIGHT B5+	HILIGHT H5+
Rated frequency / Voltage	Hz/V	50 / 230	50 / 230	50 / 230
Rated prime power	kW	6	2,7	2,7
Spot light	W	4 x 1000 Metal Halide	4 x 350 LED	4 x 350 LED
Fuel tank capacity	l	110	130	110
Autonomy lamps ON	h	65	260	220
Sound power level	dB(A)	90	88	90
Weight	Kg	1195	980	1050
Dimensions in transport & fix bar L x W x H	m	2,7 x 1,3 x 2,3	1,2 x 1,2 x 2,5	2,3 x 1,3 x 2,5

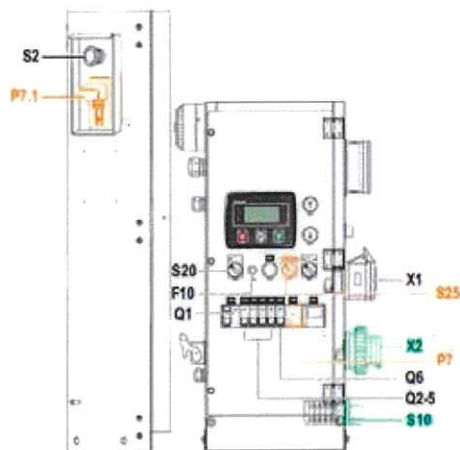
MAXIMUM LIGHT COVERAGE (20 luxes media)



2954 9710 00

This Quick Start Guide does not replace the Instruction Manual delivered with the machine. Please refer to the Instruction Manual for complete safety, operation and maintenance guidelines. For a copy please contact your local Atlas Copco customer center, or visit: www.atlascopco.com

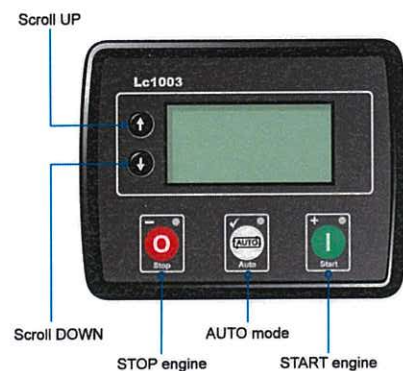
CUBICLE



- | | |
|--------------------------------|--------------------------------------|
| F10 Fuse | P7.1 Photocell option |
| Q1 General circuit breaker | P7 Sensitivity regulator |
| Q2-5 Circuit breaker for lamps | X1 Outlet socket |
| S20 Power switch | S25 Auto positioning switch |
| S50/S51 UP/DOWN button | S10 Input power selector |
| S2 Emergency button | X2 Inlet socket for mains connection |

⁽¹⁾Not all models follow this drawing, please check Instruction book.

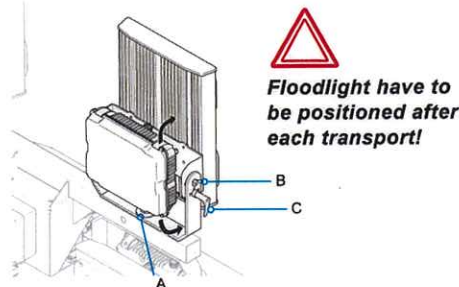
Lc1003



⁽²⁾Check instruction book for other functionalities.

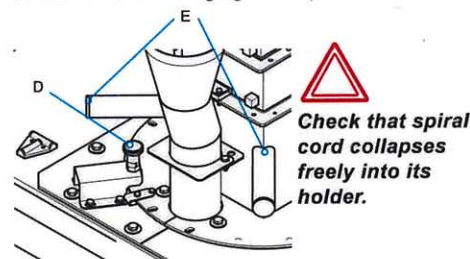
POSITIONING FLOODLIGHTS

- Adjust the rotation by loosening the bolt on the bracket of the support (A). Fix bolts afterwards.
- Loose the wing screw (B) and untighten the handle (C) slightly, select an inclination and tight wing screw and handle again.
- Recommended tilting 70°.



POSITIONING MAST

- Unlock the locking pin (D), located on its rotating base.
- Rotate the light tower using the mast handles (E).
- Lock the mast using again the pin.



CONNECTING APPLIANCE

- Wait 3- 4 minutes before connecting the appliances to allow the engine to warm up.
- Plug in the socket X1.
- Switch on circuit breaker Q6.

MANUAL MODE:START ⁽³⁾

- Switch S20 to position 1 (ON) to power the controller.
- Push the START button to start the engine.
- Extend the mast.
 - Switch ON Q1.
 - Make sure Q2-Q6 are OFF.
 - Use UP and DOWN buttons to adjust height.
- Make sure mast is in desired operating position.
- Controller will check if functioning conditions are OK.
- SWITCH ON THE LAMPS.
 - Switch ON circuit breaker Q2-Q5.
 - Push the AUTO button .
 - Sequentially the lamps will start every 2 seconds.

MANUAL MODE:STOP ⁽³⁾

- SWITCH OFF THE LAMPS.
 - Push the START button to shut down the lamps.
 - Switch OFF circuit breakers Q2-Q5.
- Lower the mast using the button.
- Push the STOP button , engine will cool down during 30 secs till it stops.
- Switch S20 to position 0 (OFF) .

REMOTE MODE: START/STOP ⁽³⁾

Only applicable with standard timer or optional "Photocell" (P7 and P7.1)

- Switch S20 to remote position to power the controller.
- Switch ON Q1.
- Switch S25 in desired position:
 - MANUAL: check MANUAL MODE section.
 - AUTO: Once the Lc1003 receives a remote signal (time or light level) the mast will extend/low automatically.

A buzzer will indicate that the mast is moving!

- Switch ON the circuit breaker Q2-Q5.
- Push the AUTO button and will start or stop remotely
- Once REMOTE MODE operation is finished, Switch S20 to position 0 (OFF) .

⁽³⁾Check sticker in the unit.

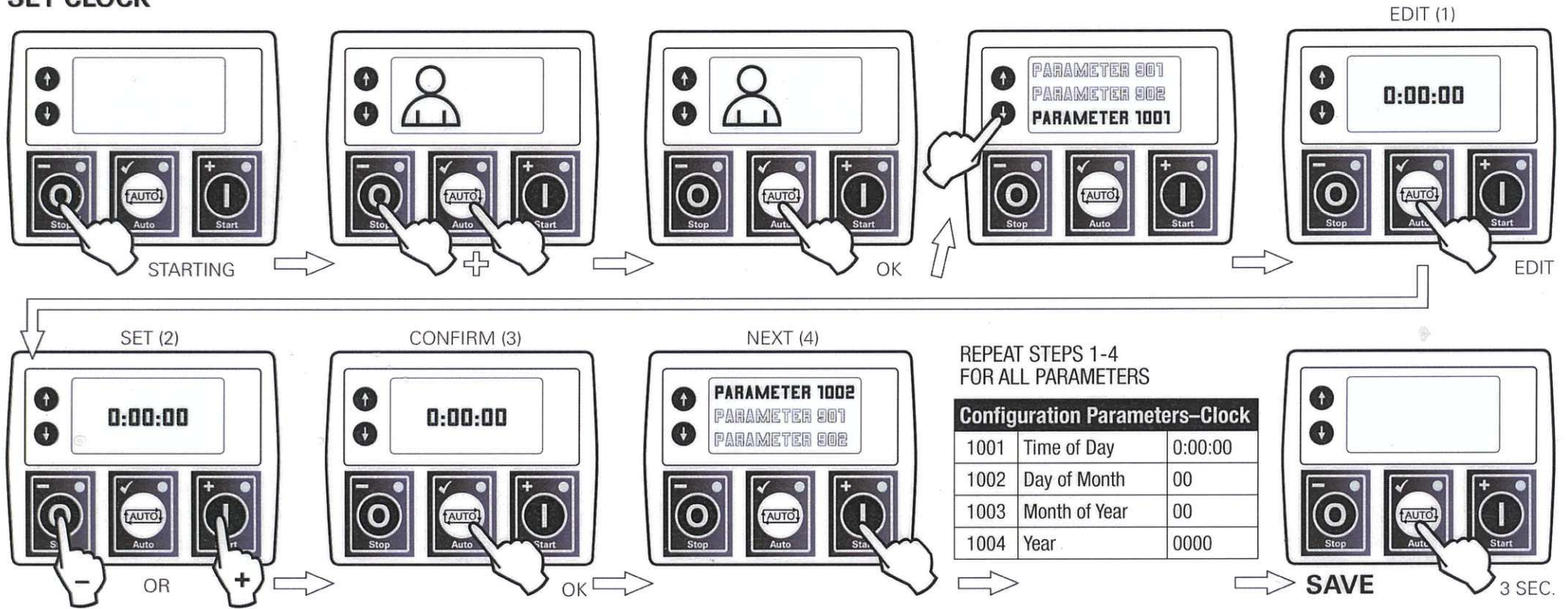
OPTIONS ⁽⁴⁾

- Photocell.
- Auto tilt.
- MSA connector.
- External power input (230VAC).
 - Switch S10 to position 2 (external mains).
 - Use X2 socket to feed the light tower.
 - Switch ON circuit breakers Q2-Q5.

Note: all lights will ignite at the same time.

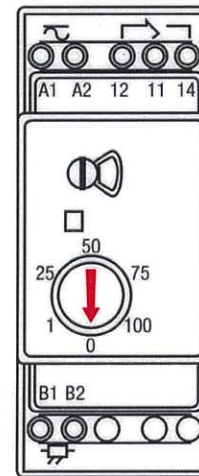
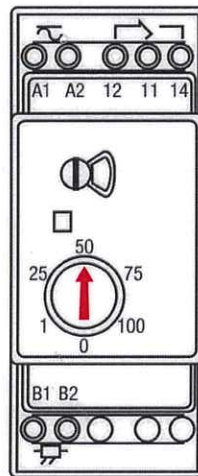
⁽⁴⁾For more information check Instructions Manual. Not all options are available for all models.

SET CLOCK



PHOTOCELL SETTING

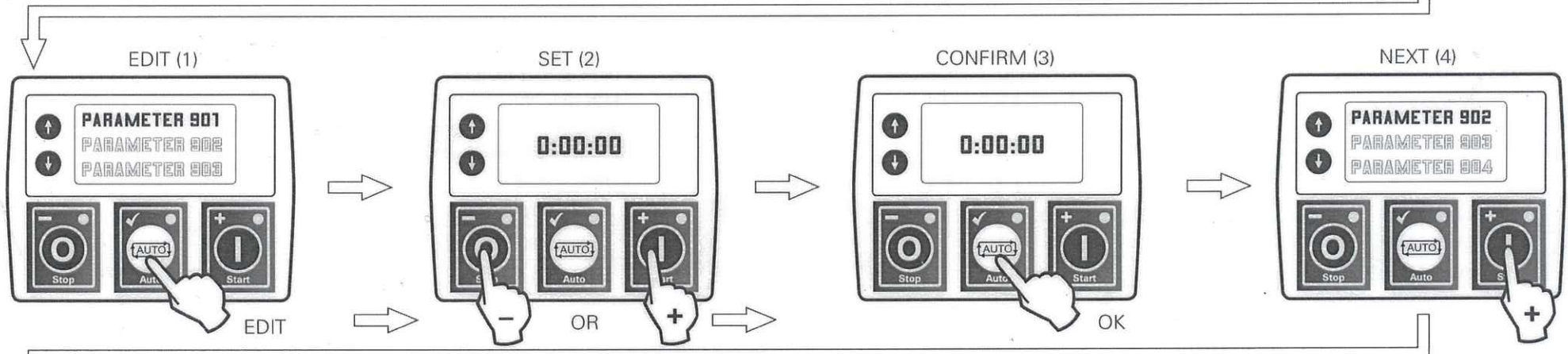
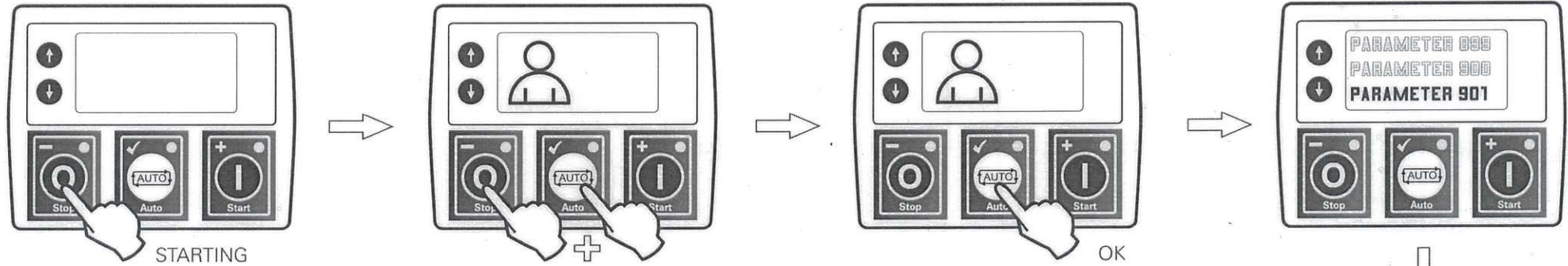
Recommended level 50 Lux
 HOW TO USE IT: remote start instructions



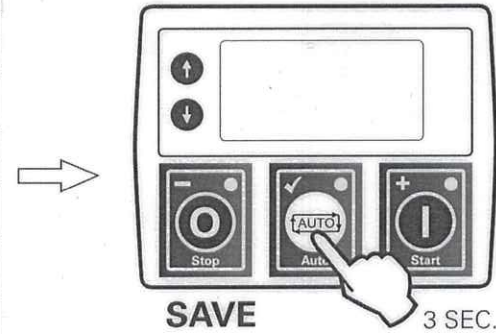
RECOMMENDED BEFORE TRANSPORT

Disable the option → 0 Lux

SET TIMER



Configuration Parameters—Scheduler		
901	Enable Scheduler	On (1) Off (0)
902	Schedule Run On or Off Load	On (1) Off (0)
903	Schedule Period	Weekly (0) Monthly (1)
904	Scheduler (1) Start Time	0:00:00
905	Scheduler (1) Start Day	0 (1=Monday)
906	Scheduler (1) Start Week	1, 2, 3, 4
907	Scheduler (1) Duration	0:00:00
908	Scheduler (2) Start Time	0:00:00
...		



REPEAT STEPS 1 – 4 FOR EVERY PARAMETER AND FINISH SAVING
 ALWAYS 902=1
 IF 903 = 0 → PARAMETERS: 906/910/914/918/922/926/930/934 will be DISABLE
 905: 1= MONDAY, 2= TUESDAY, 3= WEDNESDAY, 4= THURSDAY,
 5= FRIDAY, 6= SATURDAY, 7= SUNDAY
 8 EVENTS CONFIGURATION: (EVENT1=904-907/EVENT2=908-911/
 EVENT3=912-915/EVENT4=916-919/EVENT5=920-923/EVENT6=924-927/
 EVENT7=928-931/EVENT8=932-935)
 FOR DISABLE EVENT:
 ALL 901=0
 SINGLE set Scheduler Duration: 907/911/915/919/923/927/931/935 = 00:00:00