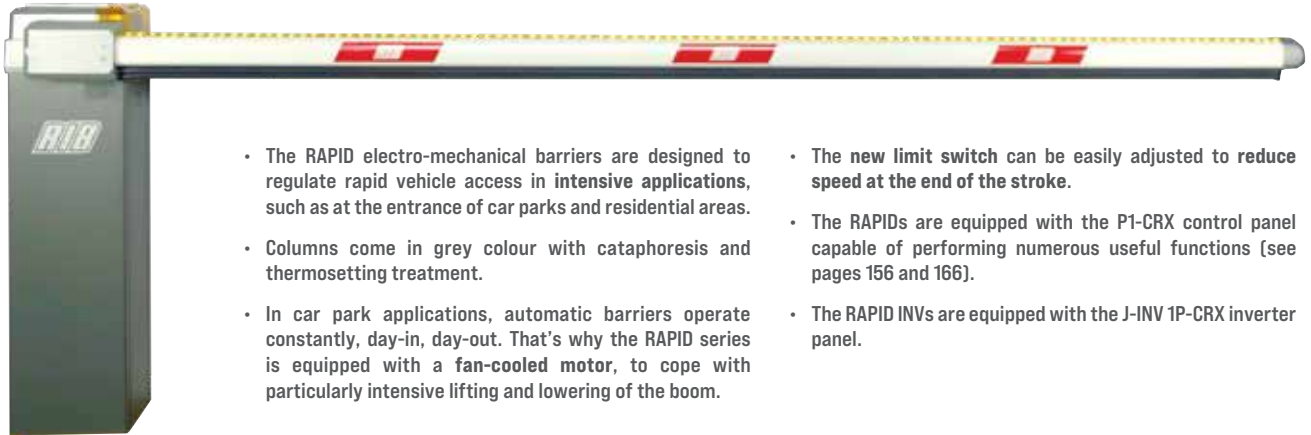


RAPID

AUTOMATIC BARRIER FOR ACCESS CONTROL



- The RAPID electro-mechanical barriers are designed to regulate rapid vehicle access in intensive applications, such as at the entrance of car parks and residential areas.
- Columns come in grey colour with cataphoresis and thermosetting treatment.
- In car park applications, automatic barriers operate constantly, day-in, day-out. That's why the RAPID series is equipped with a fan-cooled motor, to cope with particularly intensive lifting and lowering of the boom.
- The new limit switch can be easily adjusted to reduce speed at the end of the stroke.
- The RAPIDs are equipped with the P1-CRX control panel capable of performing numerous useful functions (see pages 156 and 166).
- The RAPID INVs are equipped with the J-INV 1P-CRX inverter panel.



FOR BOOM UP TO 4 m LONG - OPENS IN 2,5 ÷ 3 s

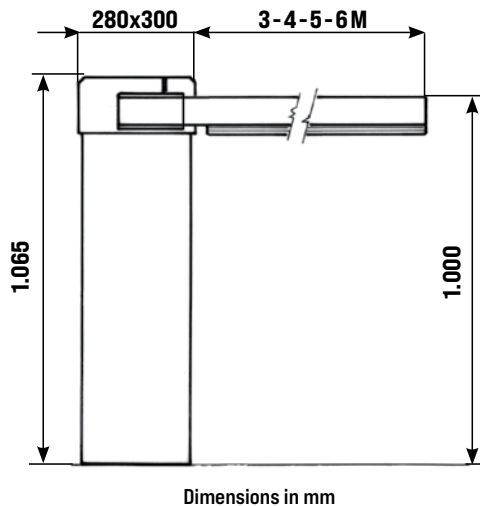
AA50130	RAPID S	(needs base plate, springs, 3 or 4 m boom arm, hub and stickers)
AA50135	RAPID S INV with J-INV 1P-CRX	"

FOR BOOM UP TO 5 - 6* m LONG - OPENS IN 6 s

AA50140	RAPID N	(needs base plate, springs, 3, 4, 5 or 6* m boom arm, hub and stickers)
AA50145	RAPID N INV with J-INV 1P-CRX	"

* On condition that no extra weight is added on the boom arm (STOP plates, hanging racks, hanging support, FOTOCOSTA, etc.)

GAR0047	Warranty extension 4 years for RAPID
GAR0048	Warranty extension 7 years for RAPID



TECHNICAL DATA		RAPID S	RAPID N
Max. boom length	m	3-4	3-4-5/6*
Opening time	s	3	6
Max. torque	Nm	80	155
Power supply	V		
Current draw	A	1	1,07
Actuator weight	Kg	62	
Protection grade	IP	54	
Operating temperature	°C	-10 ÷ +55	
Daily cycles suggested		1200	1500
Service	%	100	
Nr of consecutive cycles guar.		1200	1500

* On condition that no extra weight is added on the boom arm (STOP plates, hanging racks, hanging support, FOTOCOSTA, etc.)



ACCESSORIES FOR RAPID



ACG8110 BASE PLATE



ACG8526 STICKERS
for Ø60 mm and Ø80 mm profile
12 pieces



**ACG9130G FIXED FORK TYPE BOOM
ARM SUPPORT**
for all boom arms



only for RAPID N

ACG8290B HANGING RACK L=2m
Real length 1,63m

ACG8291B HANGING RACK L=3 m
Real length 2,55 m

max 200 daily cycles



only for RAPID N

**ACG8073G COLUMN WITH
ELECTROMAGNETIC LOCK**
with DEGAUSSER CARD and
transformer
(not for 6 m boom arm)



only for RAPID N

**ACG8285 TELESCOPIC HANGING
SUPPORT**

with height regulation
(680÷1060mm)
(not for 6 m boom arm)



ACG4666 PROBE
for P1-CRX to keep the motor
warm (for prompt start at low
temperatures)



**ACG8081 Cards for the
synchronization of commands
and safety devices of 2
RAPID operating together -
Synchronization can only be
activated with RIB GATE App**



ACQ9080 1 Relay Card
to obtain a 1 second contact or
supplies for 3 minutes a 40W max
light



ACQ9081 3 Relay Card
to manage courtesy light, traffic
light, electromagnetic lock with
P1-CRX



**ACG9060 METALLIC MASS
DETECTOR**
to open with vehicles
1 channel - 230 Vac



**ACG9063 METALLIC MASS
DETECTOR**
to open with vehicles
1 channel - 12÷24 Vac/dc



**ACG9064 METALLIC MASS
DETECTOR**
to open with vehicles
2 channels - 12÷24 Vac/dc



**ACG9067 PRE-ASSEMBLED
LOOP 6 m**
perimeter 2 x 1+15 m of cable



**ACG9068 PRE-ASSEMBLED
LOOP 10 m**
perimeter 3 x 2+15 m of cable



ACG8121 SHIELD
mechanical shockproof protection.





ACG8611 FOTOCOSTA 2.0
 (panel inside plastic box and stoppers, plus cables and circuits)
 Add rubber profile ACG7090
 Type C safety device



ACG7090 RUBBER PROFILE
 with double chamber.
 per m
BATCH OF 50 m

TECHNICAL DATA

- Max. length of profile = 5 m
- IP 55 electric circuit container
- 12 V dc - 24 V ac/dc power supply
- Modulated transmitter with infrared diode

For whole boom arms only, not for telescopic boom arms

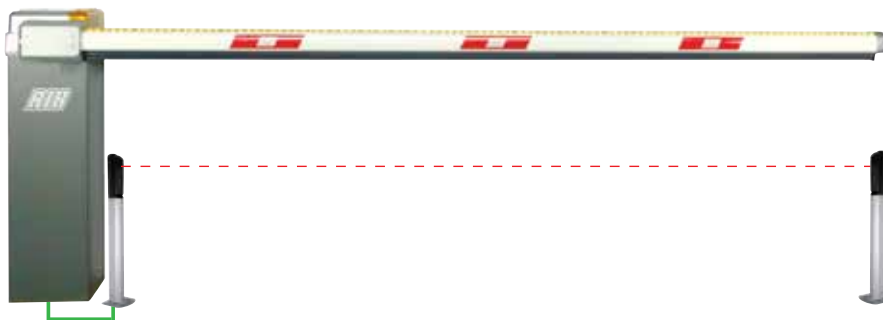


ACG8047 NOVA WIRELESS (no/nc)
 infrared signal range = 15÷30m
 infrared signal adjustable 180°
 synchronism up to 2 pairs
 manages 2 no/nc 8.2KΩ safety edges
 IP 44 - 12/24V ac/dc
 AA batteries not included



ACG8039 PAIR OF COLUMNS
 H = 0,5 m
 for NOVA

It is a Type D, EN 12978, EN 13849-1 PL "c" CAT.2 safety device if managed by a RIB pc board equipped with safeties self-test.



ACG9494 LASERIB DETECTOR for
 opening and safety Type E - 10 m
 x 10 m
 See page 144



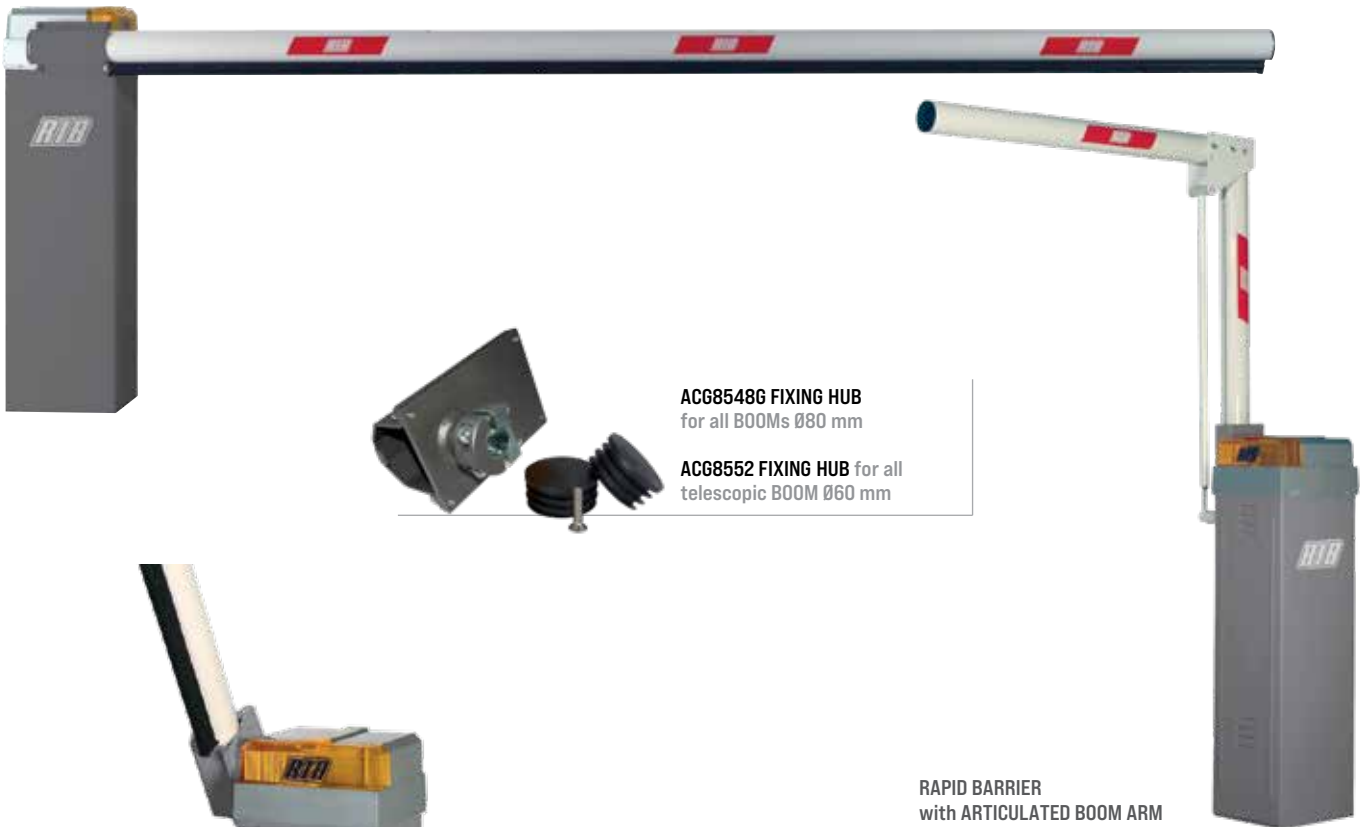
BOOMS FOR RAPID BARRIERS

ACG8501	RIB BOOM ARM L=3 m Ø 80 mm	(needs fixing hub ACG8548G)
ACG8517	TELESCOPIC RIB BOOM ARM L=3 m Ø60 mm	(needs the hub ACG8552) in 3 pieces – with caps
ACG8223	RIB ARTICULATED BOOM ARM L=3 m Ø80 mm *	(needs fixing hub ACG8548G)
ACG8502	RIB BOOM ARM L=4 m Ø 80 mm	(needs the hub ACG8548G)
ACG8518	TELESCOPIC RIB BOOM ARM L=4 m Ø60 mm	(needs the hub ACG8552) in 4 pieces – with caps
ACG8224	RIB ARTICULATED BOOM ARM L=4 m Ø80 mm *	(needs the hub ACG8548G)
ACG8503	RIB BOOM ARM L=5 m Ø80 mm	(needs the hub ACG8548G)
ACG8522	TELESCOPIC RIB BOOM ARM L=5 m Ø80 mm	(needs the hub ACG8548G) in 3 pieces – with caps
ACG8225	RIB ARTICULATED BOOM ARM L=5 m Ø80 mm *	(needs the hub ACG8548G)
ACG8506	RIB BOOM ARM L=6 m Ø80 mm	(only for RAPID N - needs the hub ACG8548G)
ACG8523	TELESCOPIC RIB BOOM ARM L=6 m Ø80 mm	(needs the hub ACG8548G) in 3 pieces – with caps

* ARTICULATED BOOM ARM: In the order it must be specified the distance between the floor and the ceiling, but also the side of the cabinet where you want to install it.

Maximum height allowed for all articulated boom arms H max = 3 m.

Minimum height allowed for articulated boom arm ACG8223 3 m - H min = 2 m / ACG8224 4 m - H min = 2.5 m / ACG8225 5 m - H min = 3 m



ACG8548G FIXING HUB
for all BOOMs Ø80 mm

ACG8552 FIXING HUB for all
telescopic BOOM Ø60 mm

RAPID BARRIER
with ARTICULATED BOOM ARM

Example of standard configuration:

1 AA50130	RAPID S	
1 ACG8110	BASE PLATE	
1 ACG8526	STICKERS	
1 ACG8502	BOOM ARM L = 4 m Ø 80 mm	
1 ACG8548G	FIXING HUB for BOOMs Ø80 mm	
1 ACG8640	BALANCING SPRING Ø 4 mm	
2 ACG8641	BALANCING SPRING Ø 4,5 mm	
1 ACG6052	SUN 2CH transmitter	
1 ACG8032B	FIT SLIM photocell	
1 ACG8065	PAIR OF COLUMNS for FIT SLIM	
	TOTAL	

RAPID

SPRING SELECTION TABLE FOR 3 m LONG BOOM ON RAPID S / N

BOOM TYPE	CODE	SPRINGS TO ORDER	for
Ø60 mm RIB telescopic boom	ACG8517	n. 2 ACG8640	RAPID S - N
Ø80 mm RIB Boom	ACG8501	n. 3 ACG8640	RAPID S - N
Ø80 mm RIB Articulated boom	ACG8223	*	RAPID S - N
Ø80 mm RIB Boom and hanging support	ACG8501+ACG8285	n. 2 ACG8641	RAPID N
Ø80 mm RIB Boom and fotocosta unit	ACG8501+ACG7090+ACG8611	n. 2 ACG8641	RAPID S - N
Ø80 mm RIB Boom and fotocosta unit+hanging support	ACG8501+ACG7090+ACG8611+ACG8285	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Ø80 mm RIB Boom and hanging rack	ACG8501+ACG8291B	n. 2 ACG8641	RAPID N
Ø80 mm RIB Boom and hanging rack+magnet	ACG8501+ACG8291B+ACG8073G	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Ø80 mm RIB Boom and hanging rack+hanging support	ACG8501+ACG8291B+ACG8285	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Ø80 mm RIB Boom and fotocosta unit+magnet	ACG8501+ACG7090+ACG8611+ACG8073G	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Ø80 mm RIB Boom and magnet	ACG8501+ACG8073G	n. 2 ACG8641	RAPID N

SPRING SELECTION TABLE FOR 4 m LONG BOOM ON RAPID S / N

BOOM TYPE	CODE	SPRINGS TO ORDER	for
Ø60 mm RIB telescopic boom	ACG8518	n.3 ACG8640	RAPID S - N
Ø80 mm RIB Boom	ACG8502	n. 1 ACG8640 + n. 2 ACG8641	RAPID S - N
Ø80 mm RIB Articulated boom	ACG8224	*	RAPID S - N
Ø80 mm RIB Boom and hanging support	ACG8502+ACG8285	n. 2 ACG8641 + n. 1 ACG8642	RAPID N
Ø80 mm RIB Boom and fotocosta unit	ACG8502+ACG7090+ACG8611	n. 2 ACG8641 + n. 1 ACG8642	RAPID S - N
Ø80 mm RIB Boom and magnet	ACG8502+ACG8073G	n. 2 ACG8641 + n. 1 ACG8642	RAPID N
Ø80 mm RIB Boom and fotocosta unit+hanging support	ACG8502+ACG7090+ACG8611+ACG8285	n. 2 ACG8641 + n. 1 ACG8642	RAPID N
Ø80 mm RIB Boom and fotocosta unit+magnet	ACG8502+ACG7090+ACG8611+ACG8073G	n. 2 ACG8641 + n. 1 ACG8642	RAPID N
Ø80 mm RIB Boom and hanging rack	ACG8502+ACG8290B+ACG8290B	n. 3 ACG8641	RAPID N
Ø80 mm RIB Boom and hanging rack+magnet	ACG8502+ACG8290B+ACG8290B+ACG8073G	n. 3 ACG8642	RAPID N
Ø80 mm RIB Boom and hanging rack+hanging support	ACG8502+ACG8290B+ACG8290B+ACG8285	n. 3 ACG8642	RAPID N

SPRING SELECTION TABLE FOR 5 m LONG BOOM ON RAPID N

BOOM TYPE	CODE	SPRINGS TO ORDER
Ø80 mm RIB telescopic boom	ACG8522	n. 3 ACG8642
Ø80 mm RIB Boom	ACG8503	n. 3 ACG8642
Ø80 mm RIB Articulated boom	ACG8225	*
Ø80 mm RIB Boom and hanging support	ACG8503+ACG8285	n. 1 ACG8642 + n. 2 ACG8643
Ø80 mm RIB Boom and fotocosta unit	ACG8503+ACG7090+ACG8611	n. 1 ACG8642 + n. 2 ACG8643
Ø80 mm RIB Boom and magnet	ACG8503+ACG8073G	n. 1 ACG8642 + n. 2 ACG8643
Ø80 mm RIB Boom and hanging rack	ACG8503+ACG8290B+ACG8291B	n. 1 ACG8642 + n. 2 ACG8643
Ø80 mm RIB Boom and hanging rack+magnet	ACG8503+ACG8290B+ACG8291B+ACG8073G	n. 3 ACG8643
Ø80 mm RIB Boom and hanging rack+hanging support	ACG8503+ACG8290B+ACG8291B+ACG8285	n. 3 ACG8643
Ø80 mm RIB Boom and fotocosta unit+hanging support	ACG8503+ACG7090+ACG8611+ACG8285	n. 3 ACG8643
Ø80 mm RIB Boom and fotocosta unit+magnet	ACG8503+ACG7090+ACG8611+ACG8073G	n. 3 ACG8643

SPRING SELECTION TABLE FOR 6 m LONG BOOM ON RAPID N

BOOM TYPE	CODE	SPRINGS TO ORDER
Ø80 mm RIB telescopic boom	ACG8523	n. 3 ACG8643
Ø80 mm RIB Boom	ACG8506+ACG8548G	n. 3 ACG8643

* It may vary according to where the articulated boom arm is divided



BALANCING SPRING

(see table)

- ACG8640 Ø 4 mm
- ACG8641 Ø 4,5 mm
- ACG8642 Ø 5 mm
- ACG8643 Ø 5,5 mm

BOOMS WITH LEDS FOR RAPID BARRIERS

ACG1494	RAPID LED BOOM ARM L = 3 m with LED protection
ACG1495	RAPID LED BOOM ARM L = 4 m with LED protection
ACG1496	RAPID LED BOOM ARM L = 5 m with LED protection
ACG1497	RAPID LED BOOM ARM L = 6 m with LED protection



ABP1001 POWER FEEDER for LED LIGHTS



ACG1500 LED TUBE

7.5 m LONG COIL



ACG1515 FIXING HUB for RAPID LED BOOM



ACG1510 LIGHT SENSOR for LED LIGHTS



- Thanks to a special feeder (ABP1001) it is possible to set different modes of flashing, on and off modes:
 1. Lights always on
 2. Lights always on and flashing
 3. Lights on when the motor is activated
 4. Lights on and flashing when the motor is activated
 5. Lights on when the barrier is closed and still, and on and flashing when the barrier is active and the boom arm is moving.
 6. Lights on or lights on and flashing only when the barrier is closed.
- A light sensor can be connected to the Feeder to decide the LED lights functioning according to the light of the day.
- The boom arm can carry the LED lights in the upper part, and the rubber profile ACG7090 or the hanging racks ACG8290B - ACG8291B in lower part.

Example of standard configuration:

1 AA50130	RAPID S	
1 ACG8110	BASE PLATE	
1 ACG8526	STICKERS	
1 ACG1495	RAPID LED BOOM ARM L = 4 m	
1 ACG1500	LED TUBE	
1 ABP1001	POWER FEEDER for LED LIGHTS	
1 ACG1515	FIXING HUB for RAPID LED BOOM	
3 ACG8641	BALANCING SPRING Ø 4,5 mm	
1 ACG6052	SUN 2CH transmitter	
1 ACG8032B	FIT SLIM photocell	
1 ACG8065	PAIR OF COLUMNS for FIT SLIM	
	TOTAL	

TABLE FOR SPRING SELECTION OF A 3 m - LONG BOOM WITH LED TUBE (RAPID S and RAPID N)

BOOM TYPE	CODE	SPRINGS TO ORDER	for
Boom with LED tube	ACG1494	n. 3 ACG8640	RAPID S - N
Boom with LED tube and hanging support	ACG1494+ACG8285	n. 2 ACG8641	RAPID N
Boom with LED tube and fotocosta unit	ACG1494+ACG7090+ACG8611	n. 2 ACG8641	RAPID S - N
Boom with LED tube and magnet	ACG1494+ACG8073G	n. 2 ACG8641	RAPID N
Boom with LED tube and fotocosta unit+hanging support	ACG1494+ACG7090+ACG8611+ACG8285	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Boom with LED tube and fotocosta unit+magnet	ACG1494+ACG7090+ACG8611+ACG8073G	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Boom with LED tube and hanging rack	ACG1494+ACG8291B	n. 2 ACG8641	RAPID N
Boom with LED tube and hanging rack+magnet	ACG1494+ACG8291B+ACG8073G	n. 2 ACG8641 + n. 1 ACG8640	RAPID N
Boom with LED tube and hanging rack+hanging support	ACG1494+ACG8291B+ACG8285	n. 2 ACG8641 + n. 1 ACG8640	RAPID N

TABLE FOR SPRING SELECTION OF A 4 m - LONG BOOM WITH LED TUBE (RAPID S e RAPID N)

BOOM TYPE	CODE	SPRINGS TO ORDER	for
Boom with LED tube	ACG1495	n. 3 ACG8641	RAPID S - N
Boom with LED tube and hanging support	ACG1495+ACG8285	n. 2 ACG8641 + n. 1 ACG8642	RAPID N
Boom with LED tube and fotocosta unit	ACG1495+ACG7090+ACG8611	n. 2 ACG8641 + n. 1 ACG8642	RAPID S - N
Boom with LED tube and magnet	ACG1495+ACG8073G	n. 2 ACG8641 + n. 1 ACG8642	RAPID N
Boom with LED tube and fotocosta unit+hanging support	ACG1495+ACG7090+ACG8611+ACG8285	n. 1 ACG8641 + n. 2 ACG8642	RAPID N
Boom with LED tube and fotocosta unit+magnet	ACG1495+ACG7090+ACG8611+ACG8073G	n. 1 ACG8641 + n. 2 ACG8642	RAPID N
Boom with LED tube and hanging rack	ACG1495+ACG8290B+ACG8290B	n. 1 ACG8641 + n. 2 ACG8642	RAPID N
Boom with LED tube and hanging rack+magnet	ACG1495+ACG8290B+ACG8290B+ACG8073G	n. 1 ACG8641 + n. 2 ACG8642	RAPID N
Boom with LED tube and hanging rack+hanging support	ACG1495+ACG8290B+ACG8290B+ACG8285	n. 1 ACG8641 + n. 2 ACG8642	RAPID N

TABLE FOR SPRING SELECTION OF A 5 m - LONG BOOM WITH LED TUBE (RAPID N only)

BOOM TYPE	CODE	SPRINGS TO ORDER
Boom with LED tube	ACG1496	n. 3 ACG8643
Boom with LED tube and hanging support	ACG1496+ACG8285	n. 3 ACG8643
Boom with LED tube and fotocosta unit	ACG1496+ACG7090+ACG8611	n. 3 ACG8643
Boom with LED tube and magnet	ACG1496+ACG8073G	n. 3 ACG8643
Boom with LED tube and fotocosta unit+hanging support	ACG1496+ACG7090+ACG8611+ACG8285	n. 3 ACG8643
Boom with LED tube and fotocosta unit+magnet	ACG1496+ACG7090+ACG8611+ACG8073G	n. 3 ACG8643
Boom with LED tube and hanging rack	ACG1496+ACG8290B+ACG8291B	n. 3 ACG8643
Boom with LED tube and hanging rack+magnet	ACG1496+ACG8290B+ACG8291B+ACG8073G	n. 3 ACG8643
Boom with LED tube and hanging rack+hanging support	ACG1496+ACG8290B+ACG8291B+ACG8285	n. 3 ACG8643

TABLE FOR SPRING SELECTION OF A 6 m - LONG BOOM WITH LED TUBE (RAPID N only)

BOOM TYPE	CODE	SPRINGS TO ORDER
Boom with LED tube	ACG1497	n. 3 ACG8643



BALANCING SPRING (see table)

- ACG8640 Ø 4 mm
- ACG8641 Ø 4,5 mm
- ACG8642 Ø 5 mm
- ACG8643 Ø 5,5 mm