PROTECTION LLAMP TECH®

STAR® 660 Evolution

EARLY STREAMER EMISSION (ESE)
AIR TERMINAL – TESTING REMOTE

Solar segment

Reference	STAR660 Evo
Technical specifications	
Power Δt	**60 - microseconds boot time (µs)**
Lightning shock	Wave 10/350 microseconds
Test 100 kA	NFC 17102
Streamer	· **System technology with controlled priming technology®** · **High impulse voltage**
Structure	· Electromagnetic cage, with electromechanical crimping · 6 stainless steel 316 differential fins
Fonctionnement	
Ascending Tracer Detection	· Continuous measurement of ambient natural electric field
Power Management	· Totally autonomous · No external power supply
Maintenance	· Modular parts interchangeable in factory · Dimension - 244 x 151 mm - M20 thread · Tightening torque
Test system	· **Star Evolution Tester**
Satellit self test	· **Photovoltaic autonomy** (no battery)
Specific remote control	· **Included** (Reference S1205)
Fixing lug	· **Stainless steel**
Lightning down connection	· **Included** (Reference RAPC01)
Universal mounting bracket	· **Included** (Reference MANR01)
Instructions for use	· **included**
Impact on the environment	· 100% recyclable
Guarantee	► **5 years manufacturer**
Conditioning	
Packaging	· Adapted to the size of the STAR · Dedicated custom cradles
Size of the box	· 300 x 200 x 150 mm
Net weight	· 1,962 Kgs
Gross weight	· 2,082 Kgs (with specific box)
Certifications	
Traceability / Control	· Laser marking or specific engraving · Indestructible self-labeling system · Authentication by serial number · Certified reference to the order
Conformity	· NFC17102/1995 · NFC17102/2009 · NFC17102/2011
Customs Code	· 85 36 90 85

PROTECTION LLAMP TECH®

- **Early Streamer Emission (ESE). Air Terminal STAR660®**

Lightning Rod - STAR® Evolution - Testing remote.

STAR® 660 Evolution

► Testing Remote

Function test included.

Reference : STAR660 evo

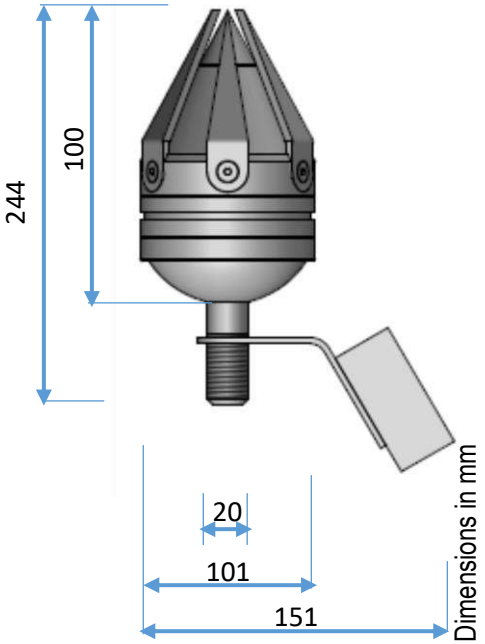
Description: **Lightning rod - Air Terminal**
Early Streamer Emission
Autonomous photovoltaic system.
Remote control tests.

Power : **(ΔI=60 µs)**
► 6 stainless steel 316 differential fins

Net weight: 1.962 kgs
Gross weight: 2.082 kgs (Package included)
Dimensions: 244x151 mm

Included in the STAR® 660 Evo pack.

- ✓ **STAR®660 Evolution Photovoltaic,** (Ref. STAR660 evo)
- ✓ **Remote test remote control,** (Ref. S1205)
- ✓ **Conductor fixing connection,** (Ref. RAPC02)
- ✓ **Adaptation all supports,** (Ref. MANR01)
- ✓ **Technical assistance,**
- ✓ **Warranty 5 years manufacturer.**



www.llamptech.com – info@llamptech.com

Early Streamer Emission (ESE). Air Terminal STAR660®

Lightning Rod - STAR® Evolution - Testing remote.

STAR® 660 Evolution - PROTECTION RADIUS

EFFICIENCY +60µs

H meters	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
2	32	40	42	44
3	48	59	61	65
4	64	78	82	87
5	**79**	**97**	**99**	**107**
10	80	99	101	109
20	82	101	103	111

Protection distances in meters

► Advantages of the STAR® Evolution ESEAT Testing remote :

- ✓ **Stand-alone Photovoltaic Power Supply,**
- ✓ **Remote control tests,**
- ✓ **Function tests,**
- ✓ **Product recognition,**
- ✓ **Electrical continuity test,**
- ✓ **Dating of the impacts of the lightning,**
- ✓ **List of lightning strikes,**
- ✓ **Respect of the environment,**
- ✓ **5 years manufacturer's warranty.**

THE ✚ SAFETY

► The test system is used to interrogate the **STAR® Evolution lightning rod**, and to know its operating status without moving.

Manage the **"health"** and history of your STAR in real time.

This advanced technology is for the user, through a gain in security after information processing.

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