



NOVEA  
GROUPE RAGNI

SOLAR LIGHTING,  
DESIGNED TO LAST



**AKKOR RANGE**

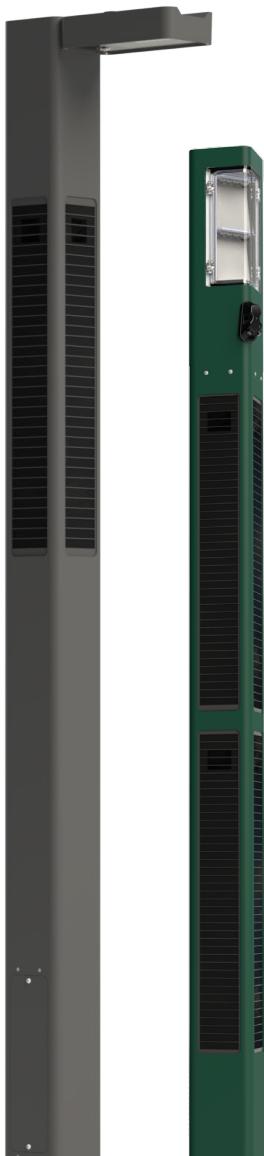
# AKKOR



**The AKKOR solar light column offers aesthetic, original, and discreet lighting. It is designed to enhance your outdoor development projects, while preserving local biodiversity through respectful integration into its environment.**

- At the heart of the energy transition in cities, NOVEA has developed a range of autonomous solar street lighting that can be easily integrated into urban development projects.
- The AKKOR line responds to this issue of combining energy saving and aesthetics.
- This light column made entirely of extruded aluminium is equipped with high efficiency solar panels perfectly integrated into the structure, a storage battery with a unique lifespan located in the pole and a LED luminaire.
- The AKKOR line is available in several heights, in several solar panels and battery powers to meet a wide range of applications.
- The AKKOR solar lighting columns will efficiently and discreetly illuminate the squares, car parks, residential areas, parks and all types of ambient lighting.
- These columns combine performance and respect of the environment thanks to the choice of soft color temperatures adapted to the surrounding biodiversity.

# A FULLY MODULAR RANGE



## the choice of the luminaire

### LUMINAIRE FROM OUR RANGE : INTEGRATED OR OFFSET

Whatever your application (pedestrian walkway, cycle path, park, etc.), the AKKOR is a discreet solar column with its integrated luminaire. It adapts to our wide range of luminaires to harmonize your entire lighting system. Finally, our AKO luminaire was specifically designed to complement the modern design of this column.

## An optimal sizing

### LIGHTING SCENARIO AND SMART MANAGEMENT

As with our other solutions, you can choose the colour temperature, the most suitable programming for the place of installation and surrounding ecosystems: standby, switch-off... and others smart options to optimize your project: detection, remote management... We are here to advise you.



Clock  
programming



Motion  
detection



Switch  
On/Off



Remote control  
and management



Dimming

NOVEA LINK SEV@ Connect

## Customisation of finishes

This street furniture will be a true ambassador of the surrounding architecture, with its choice of RAL and sandblasted or glossy finish!

## COMMITTED AND SUSTAINABLE OPTIONS

This column can for example become a real shelter for the biodiversity of a park, with its built-in nesting box on request.



## TAILOR-MADE FEATURES AND AESTHETICS

The AKKOR column can support many other accessories depending on your needs: kakemono, signage... Like this lighting for the city of Sète.



Development on request

Your  
customization

## A SET IN YOUR IMAGE

### CHOOSE SMART LIGHTING

Choosing the right color temperature allows you to adapt your lighting to the actual needs of your project while reducing light pollution and your energy consumption. We recommend choosing a temperature no higher than 2700 K to protect nocturnal ecosystems.

Our approach combines performance and respect of the biodiversity, for sustainable solutions that adapt to your needs and blend harmoniously into your environment.



“**THE SOLAR COLUMN  
THE MOST DURABLE ON  
THE MARKET**,”

5 m

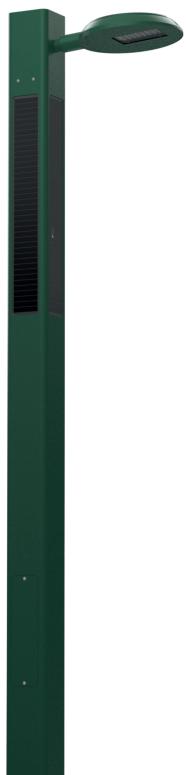
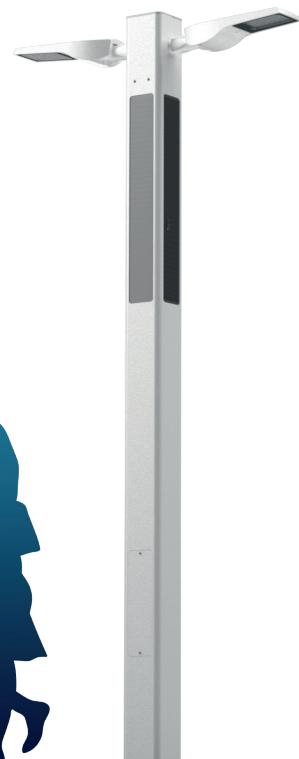
Luminaire: integrated  
Light height:  
3,80 m  
Color: 2900

Luminaire: AKO  
Light height:  
3,80 m  
Color: 2900

Luminaire: Tekk S  
Double bracket  
Light height:  
3,55 m  
Color: 9010

Luminaire: Atinia 6480  
Light height:  
3,55 m  
Color: 6028

4 m



3 m



2 m



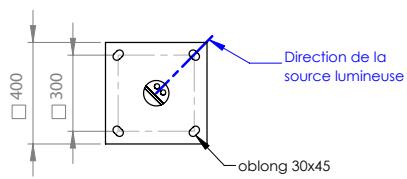
1 m



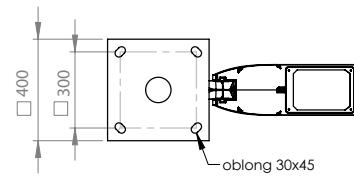
**AKKOR 1.4**

For implantation of your sealing block:

Base plate fixation - integrated luminaire



Base plate fixation - offset luminaire



Luminaire: AKO  
Double bracket  
Light height  
5,80 m  
Color: 2100

Luminaire: intégré  
2x2 faces  
Light height: 5,60 m  
Color: 9005

Luminaire: Loxo C  
Light height:  
5,75 m  
Motion sensor  
Color: 2900

Luminaire: Deiko S  
Light height:  
5,55 m  
Color: 3005



7 m

6 m

5 m

4 m

3 m

2 m

1 m



**AKKOR 2.6**

# EXPLODED VIEW OF AKKOR



# AKKOR

## 1 POLE

**Structure:** Extruded aluminium - thickness: 4 mm  
**Bas plate:** Mechanically welded aluminium  
**Height of sets (mm):** 3400 à 6400  
**Weight (kg):** 50 kg (4 m) ou 65 kg (6 m)  
**Color:** Powder coating or RAL of your choice  
**Impact value:** IK10

## 2 SOLAR PANEL

**Type:** Monocrystalline  
**Power :** 100 Wp ou 200 Wp  
 (until 8 panels, 2 per face)

## 3 OFFSET, INTEGRATED, 4 FACES LUMINAIRE

**Protection:** Polycarbonate / Tempered glass  
**LED module:** < 20 W: 16 LED / ≥ 20 W: 32 LED  
**Protecting rate:** IP66  
**Impact value:** IK08  
**Color temperatures:** Amber / 2200 K / 2700 K / 3000 K / 4000 K

## 4 EQUIPMENT: BATTERY + CONTROLLER

**Capacity:** 12,8 V - 200 to 1200 Wh  
**Situation:** In the pole

Endurance+ technology, designed by NOVEA, offers the best lifespan of the market thanks to its lithium LiFePO4 cells and its unique management of energy flows.

## 5 SENSOR ON POLE OR LUMINAIRE (OPTIONAL)

## 6 NOVCOM Z UNIT (OPTIONAL)

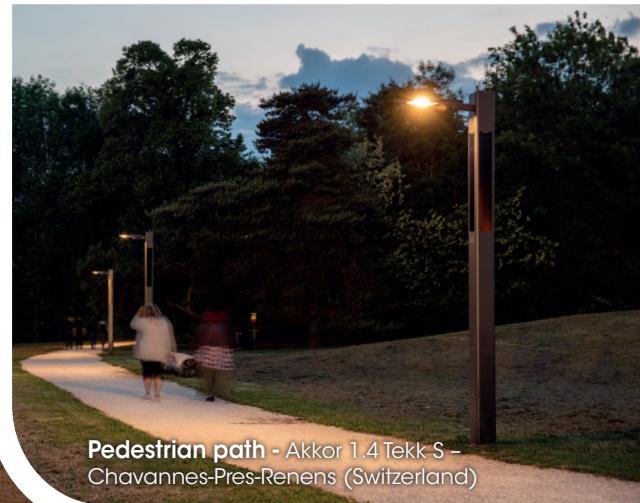
Our NOVCOM Z unit provides access to the Novéa Link Bluetooth® application, to easily manage your Novéa lighting system (information retrieval, assistance requests, updates, lighting management, etc.).

NOVEA LINK

endurance +  
TECHNOLOGY



**Park** - Akkor 1.4 Tekk S - Moulin Joli (Reunion Island)



**Pedestrian path** - Akkor 1.4 Tekk S – Chavannes-Pres-Renens (Switzerland)



**Bus stop** - Akkor 1.4 Tekk S - Quilly (44)



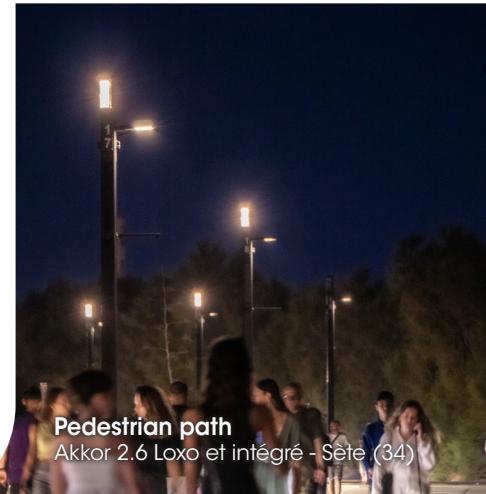
**Road** - Akkor 2.6 Irys - Douvrin (62)



**Square** Akkor 2.6 intégré - Dunkerque (59)



**Park** Akkor 2.6 intégré - Mondevert (35)



**Pedestrian path** Akkor 2.6 Loxo et intégré - Sète (34)



*Solar lighting,  
designed to last*

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**GROUPE  
RAGNI**



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As part of an **ECO-RESPONSIBLE APPROACH**, this brochure  
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