



GARDENING LIGHT THAT GROWS YOUR PLANT AND YOUR BUDGET





AGRO LED profi



AGRO LED bloom



AGRO LED home

Elkosun is introducing a new AGRO LED indoor product. Modern urban farming enables the cultivation of vegetables indoors, full control over its growth and thereby producing their own diet.

Urban farming can also be considered as manufacturing activity in the production and sale of food. It is intended primarily for the daily needs of urban users and the activity can be carried out in smaller areas in urban city centers or in other places, such as smaller house gardens, public areas between buildings, greenery on flat roofs (houses, skyscrapers etc.) and specifically indoor places (indoor gardening).

The advantages of urban farming in indoor and greenhouse areas:

- independent food production
- full control of cultivation of plants, without influence of the weather
- cultivation free of pesticides and herbicides
- rich variety of plants for cultivation
- can serve as a decorative element
- growing plants throughout the year
- no additional maintenance (except soil moisture and harvest)

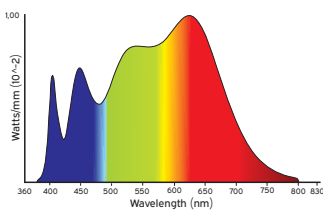


Characteristics

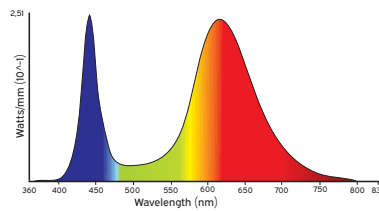
- easy connection to the mains
- controlling light power by choosing the distance between plants and luminary
- ideal conditions for growing herbs and other vegetables
- always freshly prepared food for the immediate preparation of simple sandwiches or complex dishes

Type	The plant	Length (mm)	Lighting surface (m ²)	Distance bt. plants and luminary (cm)	Weight (kg)	Lighting angle - optics (°)	Power (W)	Efficiency (μmol/s)	Certificates
AGRO LED profi	Vegetables, herbs, flowers	1010	0,75 m ² (400 μmol/sm ² distance 40 cm)	Between 40 in 300	4,3	60	151	350,0 (2,2 μmol/J)	CE, RoHS
AGRO LED bloom	Vegetables, herbs, flowers	1010	0,75 m ² (250 μmol/sm ² distance 40 cm)	Between 40 in 300	4,3	60	159	322,5 (2,0 μmol/J)	CE, RoHS
AGRO LED home	Vegetables, herbs, flowers	600	0,2 m ² (400 μmol/sm ² distance 30 cm)	30	1,5	60	40	98,0 (2,2 μmol/J)	CE, RoHS

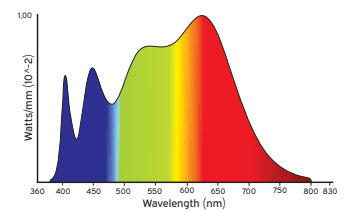
The spectrum



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AGRO LED PROFI is suitable for growing plants in large areas such as basements, home garden greenhouses. It is suitable for all kinds of vegetables, micro vegetables, herbs and flowers.
 AGRO LED BLOOM (flowering version) is suitable for growing plants in the flowering phase in large areas such as basements and garden greenhouses. It is suitable for all kinds of vegetables, herbs and flowers that produce blossoms and consequently fruits.
 AGRO LED HOME is suitable for growing vegetables and herbs in apartments and houses because it takes up little space. Power and color of light are not disruptive to human beings. It is suitable for growing various types of salads and spices.