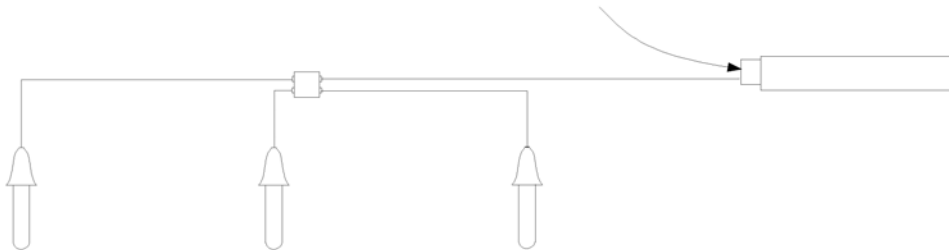


# INTERLIGHT



## New technology for lighting

- Cucumber
- Pepper
- Tomato
- Algae production

## Traditional lighting (75% installed light)

- ◆ GAN 6-750 AL Superagro
- ◆ GAN AL Multisystem
- ◆ GAN AL Triple 3-phase

## Inter-light

(25% installed light)

- ◆ HPS
- ◆ HPI

| Type                           | 100 hour Lumens | 100 hour PAR $\mu\text{mol}/\text{sec}$ |
|--------------------------------|-----------------|---|
| GE Lucalox XO PSL<br>400W 230V | 56,000          | 725                                     |
| GE Lucalox XO PSL<br>600W 230V | 90,000          | 1100                                    |
| GE Lucalox XO PSL<br>750W 230V | 112,000         | 1350                                    |
| GE Lucalox XO PSL<br>600W 400V | 85,000          | 1150                                    |
| GE Lucalox XO PSL<br>750W 400V | 104,000         | 1415                                    |

## Advantages of Interlight

Experiences with all-year vegetable production with supplementary lighting in greenhouses show high profitability of lighting cultures.

However it seems that in traditional installations there is an insufficient of light in lower parts of the plants.

Scandinavians - the Pioneers in lighting of vegetables, started to experience with Interlight on cucumber. Additional lighting (fluorescent or HPS), is installed between the rows of plants.

**The results of 10 years experiences, shows actual advantages of Interlight:**

- ◆ higher yield up to 25 %, compared to traditional installations,
- ◆ better quality and colour of fruits