

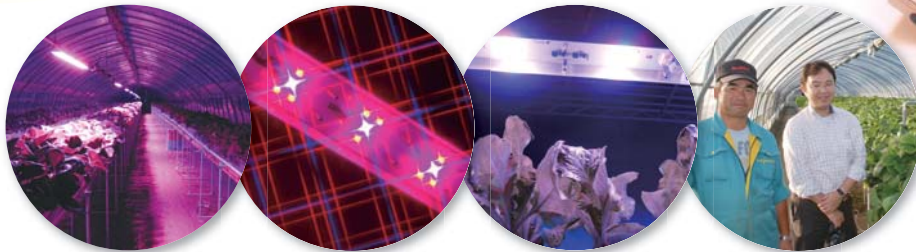
Supplementary LED Lighting Equipment on Growth and Photosynthesis

Harvest-ACE

High efficiency controllable micro-computer installation system

The highest luminance

Controllable wavelength for the best at each growth phase



A combination of Harvest ACE and the controller can provide the most suitable lighting environment to growing stage.

Examples to use

- Accelerator of Photosynthetic activity
- Light supplement for photosynthesis
- Inhibiting a spindly growth
- Improving growth speed
- Accelerator of flower bud initiation
- Creating strawberries having a good shape
- Controlling functional components

Product Number	HAL-900X64-R3B3G1-3W Ver.3	
Illumination Area	900 x 64mm	
Size (WxDxH)	930 x 68 x 37mm	
Weight	1kg	
Illumination Color	Red, Green and Blue	
PPFD Value	100mm under lighting	290 $\mu\text{mol m}^{-2} \text{s}^{-1}$
	500mm under lighting	47 $\mu\text{mol m}^{-2} \text{s}^{-1}$
	1,000mm under lighting	20 $\mu\text{mol m}^{-2} \text{s}^{-1}$
Power	DC24V (AC100V to 240V)	
Power Consumption	60W	
Controll system	Automatic Mode Switchover of manual/control	

Controller

- 1 controller can control 10 Harvest ACE
- Pulse Light Control to photosynthetic rate
- Independently-controlled R/G/B
- 5 on/off settings per day (Independently settable of R/G/B)

Specification

- Size (WxDxH): 224 x 180 x 68mm
- Weight: Approx. 1.56kgs
- Power: AC100V 50/60Hz
- Power Consumption: 2W
- Control system: 2wire & RS485

