

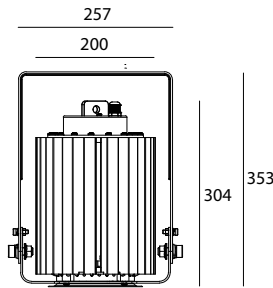


one<sub>4</sub>all

LED GROW LIGHTS FOR  
**GREEN-HOUSES**  
**AND URBAN FARMS**

SMART  
250 **HC**

# SMART 250 HC | TECHNICAL FEATURES



## MECHANICAL FEATURES

<b>BODY</b>	Aluminum
<b>COOLING SYSTEM</b>	Passive Heat Pipe System
<b>IP RATE</b>	IP65
<b>WEIGHT</b>	6,5 Kg

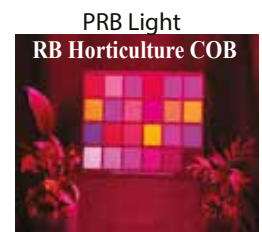
## ELECTRICAL FEATURES

<b>INPUT POWER</b>	100-240 Vac with PFC
<b>PFC</b>	Active >90
<b>NOMINAL POWER ABSORPTION*</b>	225 W
<b>DIMMING**</b>	1-10V

\* POWER 250 is available with separate power supply unit  
 \*\* Upon request other dimming Systems are available

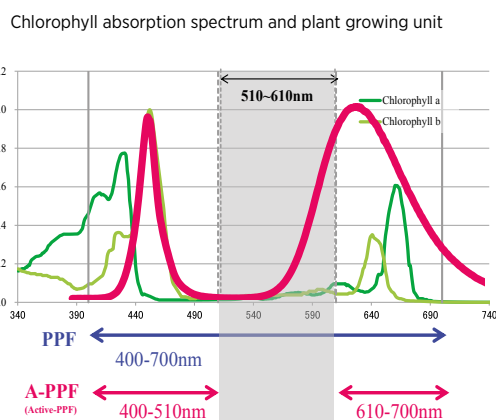
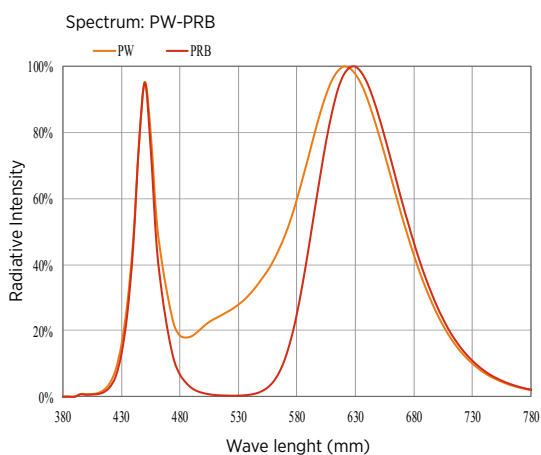
## LIGHTING FEATURES - SMART 225 HC PRB

<b>SOURCE</b>	n°1 COB LED
<b>LUMINOUS FLUX</b>	11078 lm (Ta 30°C)
<b>PHOTOSYNTHETIC PHOTON FLUX (PPF)</b>	334 μmol/s (Ta 30°C)
<b>ACTIVE PHOTOSYNTHETIC PHOTON FLUX (A-PPF)</b>	273 μmol/s (Ta 30°C)
<b>LENS TYPE</b>	(Silicone lens) - 60°   90°   Square 120°



## LIGHTING FEATURES - SMART 225 HC PW

<b>SOURCE</b>	n°1 COB LED
<b>LUMINOUS FLUX</b>	17469 lm (Ta 30°C)
<b>PHOTOSYNTHETIC PHOTON FLUX (PPF)</b>	350 μmol/s (Ta 30°C)
<b>ACTIVE PHOTOSYNTHETIC PHOTON FLUX (A-PPF)</b>	236 μmol/s (Ta 30°C)
<b>LENS TYPE</b>	(Silicone lens) - 60°   90°   Square 120°



**ACTIVE PPF**  
 PPF without PF values of 510-610nm (No absorption area)  
 "Active PPF" is original idea.  
 It's not general concept.

**SUITABLE APPLICATIONS: LEAFY GREENS, TOMATOES, PEPPERS, CUCUMBERS AND MANY OTHER CROPS**