

LightRight™ Canopy

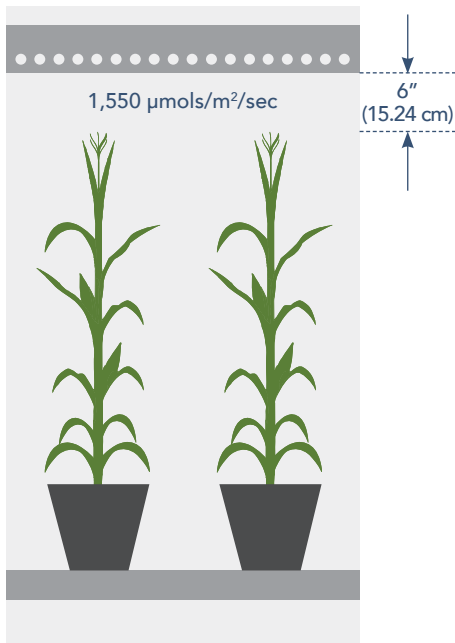


CONVIRON®

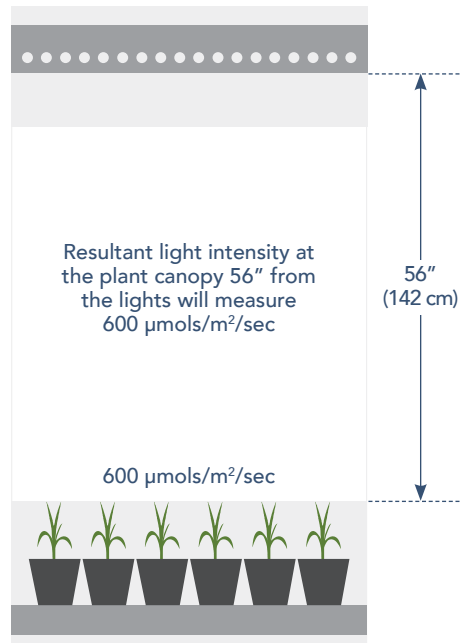
LightRight™ Canopy

The LightRight™ canopy enables you to maintain consistent distance between your lighting system and your plants, delivering consistent light intensity as your plants grow.

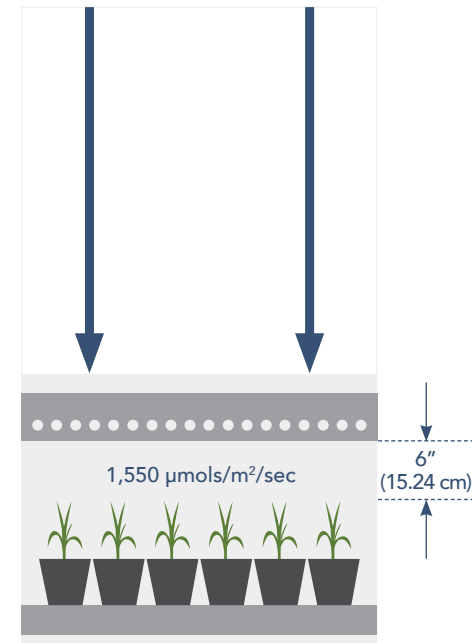
1 Depending on your chamber's settings and capabilities, at 6" from the lights, assume intensity measures $1,550 \mu\text{mol}/\text{m}^2/\text{sec}$.



2 However, maximum light intensity is reduced the further the plant is from the light source.



3 With LightRight™ you can conveniently lower and raise your light canopy and deliver consistent light intensity at the canopy.



Do I need LightRight™?

Researchers using plant growth chambers set their light intensity levels through the chamber control system. However as your plants grow closer to the light source the intensity increases - changing the light intensity your plants actually receive at the canopy from a static variable to one that is dynamic and also non-linear.

If precise lighting is required say at 6" from the canopy at all times, researchers often use the movable in-chamber light sensor and adjust as necessary through the controller. They can also remove all their plants and change the shelf height.

Enter LightRight™. LightRight™ enables you to conveniently move your canopy to dynamically maintain desired light levels – ensuring consistent and maximum lighting output is maintained. LightRight™ is available as an option on select Conviron chambers and rooms.