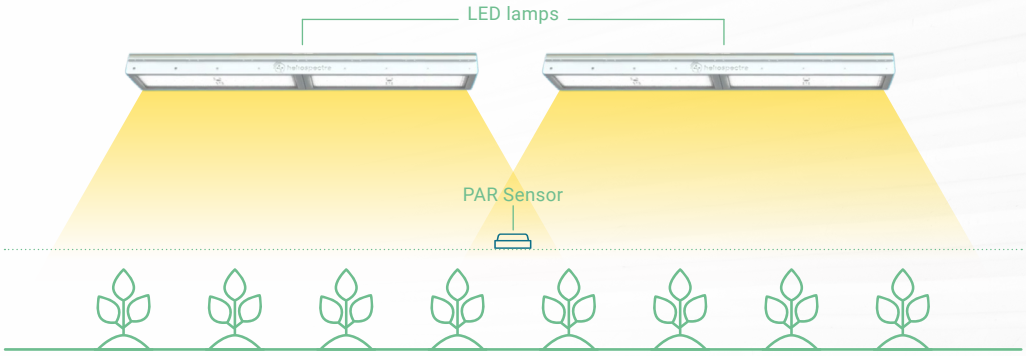
PAR Sensor Placement

PAR sensors can be connected to your helioCORE™ control system to log light data or to use for running On Target or DLI control within a grow ZONE. When installing a PAR sensor in a zone it is important that sensor is placed correctly to measure the same light the crop receives, both in terms of supplemental light and natural light. The sensor should be mounted parallel to the floor, facing straight up.

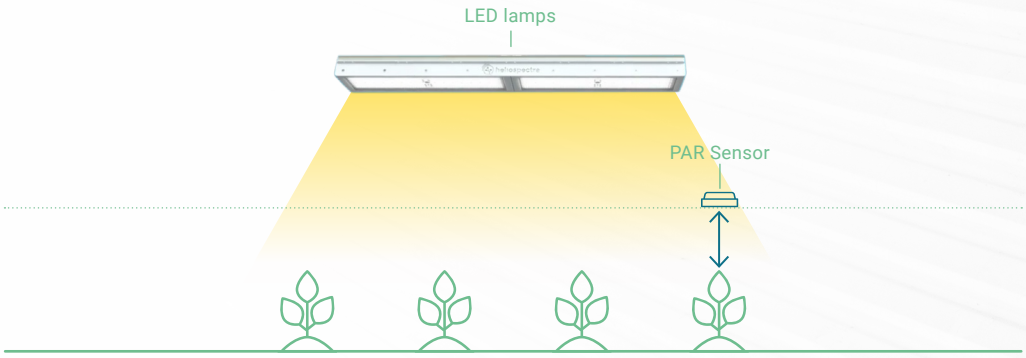
Option A:

Place the PAR sensor at canopy height within the grow area, at a location where it measures the average of supplemental light intensity*.



Option B:

Place the sensor at the edge of the grow area, at a height where it measures the same supplemental light intensity as the canopy receives on average*. Note that the sensor height typically needs to be raised to compensate for the lower light intensity at the edge of the illuminated area.



as provided in your light plan or manually measured over the grow area.

TIP: Install the sensor with the lamps on at full power during the darkest hours of the day. This makes it easier to find a sensor placement that measures the right supplemental light intensity without the natural light interference.

Heliospectra AB
SE556695-2205
Fiskhamnsgatan 2
414 58 Gothenburg, Sweden

www.heliospectra.com

+46 (0)31 40 67 10
+1 888 942 GROW
sales@heliospectra.com