

Plant Light Recommendations 2020

Plants That Produce, Vista CA.

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Intended for general indoor propagation, excluding cannabis and other high intensity crops. Especially good for seed and cutting starts along with indoor perennials; e.g., indoor Citrus.

Existing indoor plants unaccustomed to strong light should be slowly acclimated to "daylight" strength by starting at greater height (e.g. triple) and incrementally lowering every 2-3 days to the recommended height.

Novice indoor gardeners should monitor the root zone of their plants for suitable moisture.

For nerds: the target color temperature is 5500-6500K, and the target irradiance is 125 PAR Watts/m² (575 PPF). The latter is achieved at the recommended height above the plants.

FOR SMALL (2 ft. x 2 ft.) SPACES

Cost-effective model: \$57. Durolux DLED824W LED Grow Light. Maintain about 12" above plant tops.

<https://www.amazon.com/Durolux-DLED824W-FullSun-Spectrum-EnergySaving/dp/B079GK3PL1/>

High quality model: \$173. Active Grow 2' 4-bulb T5 "Spring Sun" LED Tube System. Maintain about 13" above plant tops. <https://activegrowled.com/product-category/fixtures-with-lamps/> (special order)

FOR LARGER (4 ft. x 2 ft.) SPACES

Cost-effective model: \$108. Durolux DLED848W LED Grow Light. Maintain about 12" above plant tops.

<https://www.amazon.com/gp/aw/d/B07CGRVWFF/>

High quality model: \$229. Active Grow 4' 4-bulb T5 "Spring Sun" LED Tube System. Maintain about 13" above plant tops. <https://activegrowled.com/product-category/fixtures-with-lamps/> (special order)

DETAILED ANALYSIS OF SYSTEMS:

<https://plantsthatproduce.com/docs/PlantLightStatistics2020.xlsx>