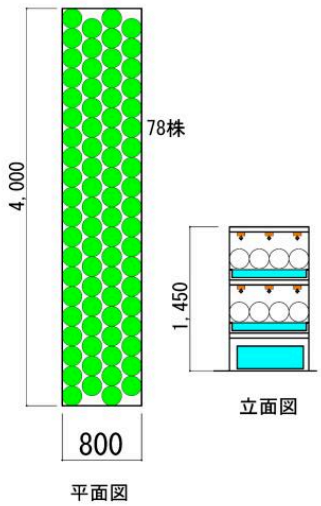
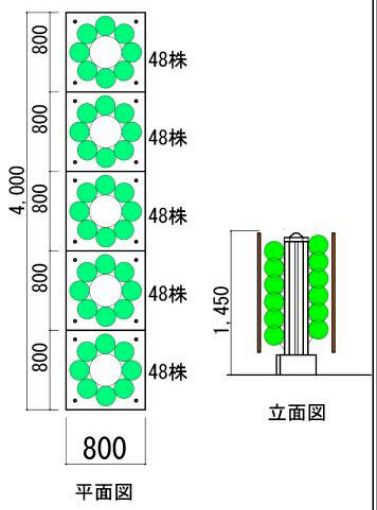
Comparison of Cultivation Area

Vegi Tree Farm can achieve space efficiency

Vegi Tree can cultivate 1.5 times more lettuce compared to flat multi tier system.

Example of LED light length 1200mm

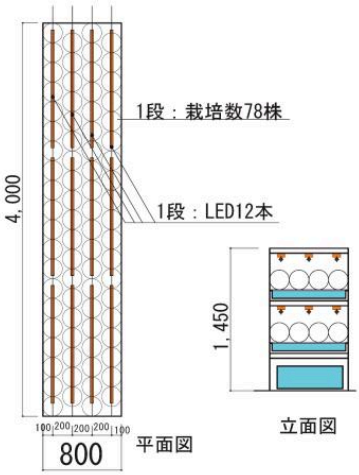
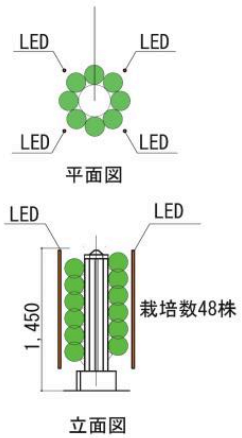
Flat multi tier type	Vertical type
	
78 plants x 2 units = 156 plants	48 plants x 5 units = 240 plants

Comparison of Power Consumption

Sharing LED lights for energy saving

Since lettuce grows while rotating in the Vegi Tree, each light can nurture 12 lettuce plants.

Example of LED light length 1200mm

Flat multi tier type	Vertical type
	
24 LEDs (2 tiers) Cultivation: 156 plants (2 tiers) 6.5 plants per LED	20 LEDs Cultivation: 240 plants 12 plants per LED

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