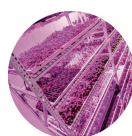


• Plantekno ECO GreenLine

Plantekno ECO GreenLine was developed for economical and DIY applications. It is thin and lightweight design. Suitable for lots of application such as indoor growing, tissue culture, vertical farming, grafting etc.



Vertical Farming



Tissue Culture



Seedling Cultivation



Scientific Practices



Plant Grafting

	ECO GreenLine Colorful G1	ECO GreenLine Colorful G2	ECO GreenLine White G1	ECO GreenLine White G2
Power Input	80-305VAC / 50-60 Hz	80-305VAC / 50-60 Hz	80-305VAC / 50-60 Hz	80-305VAC / 50-60 Hz
Power Usage	12/18/24/30/36 Watt	12/18/24/30/36 Watt	12/18/24/30/36 Watt	12/18/24/30/36 Watt
Efficiency	Up to 90%	Up to 90%	Up to 90%	Up to 90%
PPF/W	1.9 $\mu\text{mol/W}$	2.1 $\mu\text{mol/W}$	180 Lumen/W	200 Lumen/W
Total PPF	23/34/46/57/68 $\mu\text{mol/s}$	25/38/50/63/76 $\mu\text{mol/s}$	2160-6480 Lumen	2400-7200 Lumen
IP Protection	IP64	IP64	IP64	IP64
Heat Output	3.4 BTU/h.W	3.4 BTU/h.W	3.4 BTU/h.W	3.4 BTU/h.W
Working Humidity	%95	%95	%95	%95
Operating Temp.	30-40 °C	30-40 °C	30-40 °C	30-40 °C
Ambient Temp.	-10 +30 °C	-10 +30 °C	-10 +30 °C	-10 +30 °C
Spectrum	Standard and Optional	Standard and Optional	2000K - 10000K	2000K - 10000K
Lifespan L70	35.000h	50.000h	60.000h	80.000h
Viewing Angle	120 degree (50%)	120 degree (50%)	120 degree (50%)	120 degree (50%)
Dimension	60/90/120/150/180 cm	60/90/120/150/180 cm	60/90/120/150/180 cm	60/90/120/150/180 cm
Weight	320/460/620/780/940 g	320/460/620/780/940 g	320/460/620/780/940 g	320/460/620/780/940 g
Certificate	CE	CE	CE	CE
Warranty	3 years	4 years	3 years	4 years

Order Code - Colorful	Length	Power	PPF	Order Code - White	Length	Power	Lumen	CODE	Standard Spectrum Combinations
PL060012D150ECGLC-G1	60cm	12W	23 $\mu\text{mol/s}$	PL060012D150ECGLW-G1	60cm	12W	2160 L	PL32A	General purpose with highest efficiency output
PL060012D150ECGLC-G2	60cm	12W	25 $\mu\text{mol/s}$	PL060012D150ECGLW-G2	60cm	12W	2400 L	PL33G	Best combination for Germination purpose
PL090018D150ECGLC-G1	90cm	18W	34 $\mu\text{mol/s}$	PL090018D150ECGLW-G1	90cm	18W	3240 L	PL34S	Best combination for Seedling
PL090018D150ECGLC-G2	90cm	18W	38 $\mu\text{mol/s}$	PL090018D150ECGLW-G2	90cm	18W	3600 L	PL35V	Best combination for Vegetative growth
PL120024D150ECGLC-G1	120cm	24W	46 $\mu\text{mol/s}$	PL120024D150ECGLW-G1	120cm	24W	4320 L	PL36F	Best combination for Flowering and Fruiting
PL120024D150ECGLC-G2	120cm	24W	50 $\mu\text{mol/s}$	PL120024D150ECGLW-G2	120cm	24W	4800 L	*** Custom design available.	
PL150030D150ECGLC-G1	150cm	30W	57 $\mu\text{mol/s}$	PL150030D150ECGLW-G1	150cm	30W	5400 L	General Notes	
PL150030D150ECGLC-G2	150cm	30W	63 $\mu\text{mol/s}$	PL150030D150ECGLW-G2	150cm	30W	6000 L	• Dimmable is available	
PL180036D150ECGLC-G1	180cm	36W	68 $\mu\text{mol/s}$	PL180036D150ECGLW-G1	180cm	36W	6480 L	• Optionally specific spectrum combination with unique colors.	
PL180036D150ECGLC-G2	180cm	36W	76 $\mu\text{mol/s}$	PL180036D150ECGLW-G2	180cm	36W	7200 L	• Available Colors: 450nm, 660nm, 730nm, 2000-10000 Kelvin	
								• PPF, Lumen, Watt values are based general spectrum combination and can be different according to any other spectrum combinations.	
								• All values may vary in the range of +5%.	

