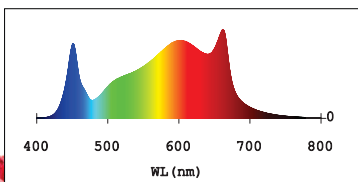


Pro Grow LED - PPFD Guide ($\mu\text{mol}/\text{m}^2/\text{s}$).

LED Fixture	100 W UFO	200 W UFO	300 W UFO	500 W UFO	630 W 6 Bar	680 W 8 Bar
Total PPF	210 $\mu\text{mol}/\text{s}$	420 $\mu\text{mol}/\text{s}$	620 $\mu\text{mol}/\text{s}$	1050 $\mu\text{mol}/\text{s}$	1720 $\mu\text{mol}/\text{s}$	1950 $\mu\text{mol}/\text{s}$
Photon Efficacy	2.1 $\mu\text{mol}/\text{J}$	2.1 $\mu\text{mol}/\text{J}$	2.1 $\mu\text{mol}/\text{J}$	2.1 $\mu\text{mol}/\text{J}$	2.73 $\mu\text{mol}/\text{J}$	2.85 $\mu\text{mol}/\text{J}$
Kelvin	4 K	4 K	4 K	4 k	4 k	4 k
CRI	90	90	90	90	91.8	91.8
Coverage / m^2	0.5 m^2	0.75 m^2	1 m^2	1.2 m^2	1.5 m^2	1.5 m^2
Output PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$).	342 @ 30 cm	730 @ 30 cm	1250 @ 30 cm	1297 @ 40 cm	985 @ 30 cm	1150 @ 40 cm

STAGE	Required $\mu\text{mol/s}$	Recommended Height Of LED Fixture Above The Canopy @ 100% Intensity					
Clones	75 - 125	95 cm	110 cm	120 cm	150 cm	150 cm	160 cm
Mother Plants	400 - 600	20 - 15 cm	30 - 45 cm	80 - 65 cm	110 - 90 cm	110 - 60 cm	115 - 85 cm
GROWTH CYCLE							
Early Vegetative	125 - 200	75 - 55 cm	100 - 90 cm	110 - 100cm	130 - 90 cm	130 - 120 cm	150 - 130 cm
Late Vegetative	200 - 300	55 - 35 cm	90 - 75 cm	100 - 85 cm	120 - 110 cm	120 - 110 cm	130 - 115 cm
FLOWERING CYCLE							
Week 1	300 - 400	45 - 30 cm	80 - 70 cm	90 - 80 cm	110 - 105 cm	110 - 105 cm	125 - 115 cm
Week 2	400 - 500	35 - 20 cm	75 - 55 cm	80 - 70 cm	110 - 100 cm	105 - 80 cm	115 - 95 cm
Week 3	500 - 600	20 - 15 cm	55 - 45 cm	70 - 65 cm	100 - 90 cm	80 - 65 cm	95 - 85 cm
Week 4	600 - 700	10 cm	45 - 35 cm	65 - 55 cm	90 - 70 cm	65 - 55 cm	85 - 70 cm
Week 5	700 - 750	-	35 - 30 cm	55 cm	70 - 65 cm	55cm	70 cm
Week 6	750 - 850	-	30 - 25 cm	55 - 50 cm	65 - 60 cm	50 - 45 cm	65 - 60cm
Week 7 - 9	900 +	-	20 cm	45 cm	55 cm	40 cm	55 cm

Plants grown from cuttings that have had generational 'low intensity light' may be subject to leaf bleach. Raise or dim the fixture if this occurs.



TRUE FULL SPECTRUM LED LIGHT
Utilizing the latest SMD Technology

SINGLE CHANNEL FOR GROW AND BLOOM / FULL SPECTRUM OUTPUT 100% OF THE TIME

