



Certificate of Analysis

This document stands to indicate the completed analysis of the below product.

Tests were not conducted in a reflective environment.

TEST

CONDUCTED ON: 30 JUNE 2020

CONDUCTED BY: DEAN VAN SCHALKWYK

PRODUCT ID

NAME: E900 LED Gow Light

SKU: E900

LED TYPE: SMD LED

COLOR SPECTRUM: Full Spectrum LED

PRODUCT PHOTO



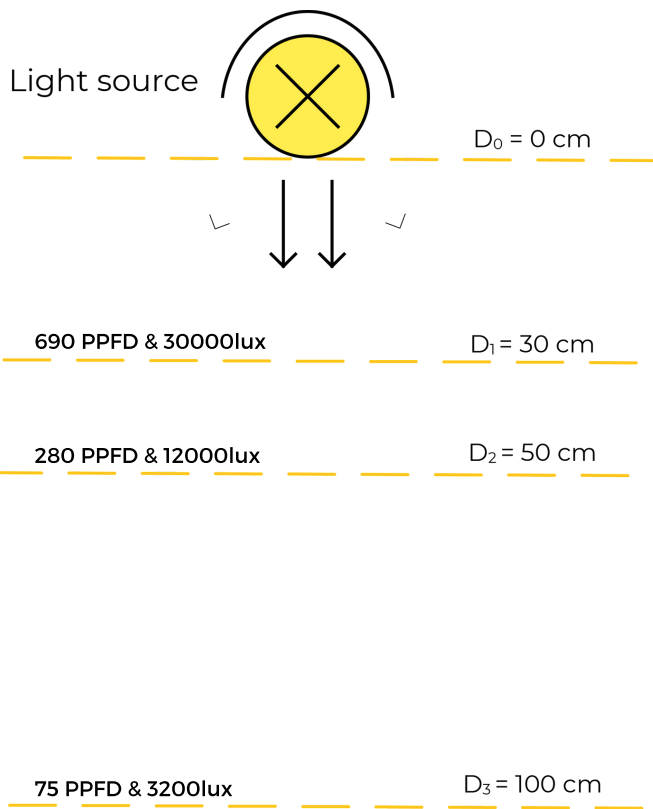
Andrew Forte

CEO



BOTH - VEG and BLOOM

PPFD & LUX (lux) READINGS AT DISTANCES FROM LIGHT SOURCE



POWER CONSUMPTION

WALL DRAW: 183W

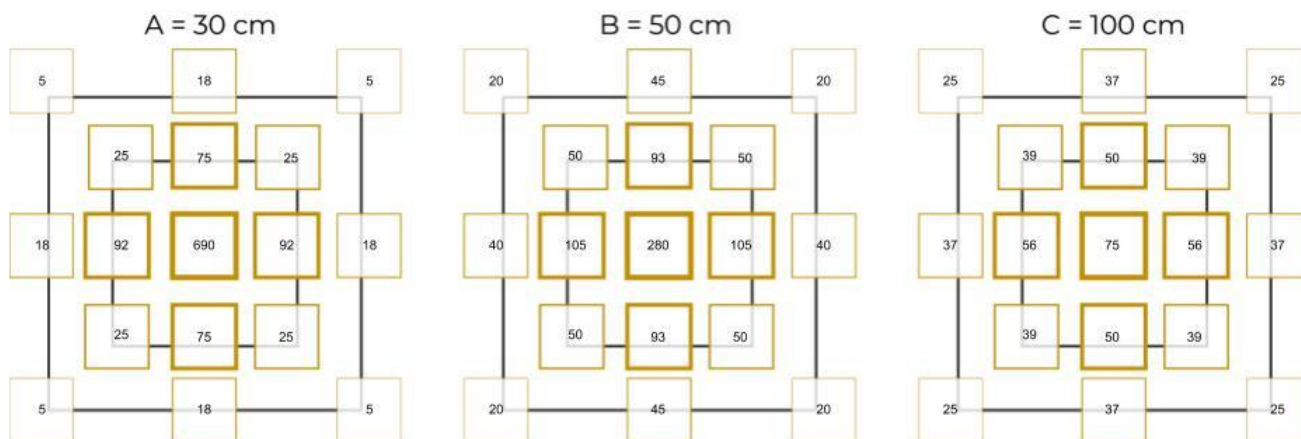
LUX & EFFICIENCY BY HEIGHT

HEIGHT	LUX	EFFICIENCY
30cm	30000lux	163.93lux/w
50cm	8250lux	65.57lux/w
100cm	2680lux	17.49lux/w

PPFD & EFFICIENCY BY HEIGHT

HEIGHT	PPFD	EFFICIENCY
30cm	690PPFD	3.77PPFD/w
50cm	622PPFD	1.53PPFD/w
100cm	165PPFD	0.41PPFD/w

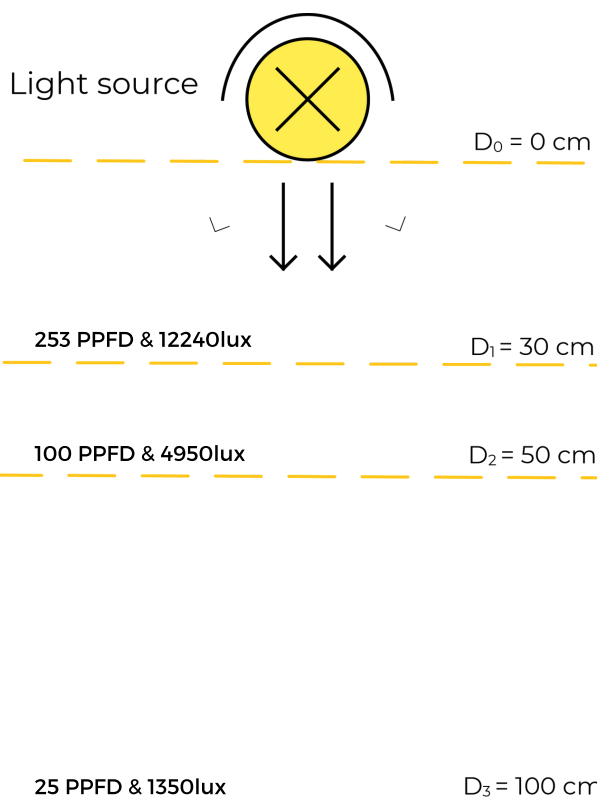
PPFD ($\mu\text{mol.m}^{-2}.\text{s}^{-1}$) READINGS ACROSS 1m^2 and 2m^2 at 30, 50 & 100cm HEIGHTS





VEGETATIVE

PPFD & LUX (lux) READINGS AT DISTANCES FROM LIGHT SOURCE



POWER CONSUMPTION

WALL DRAW: 67.1W

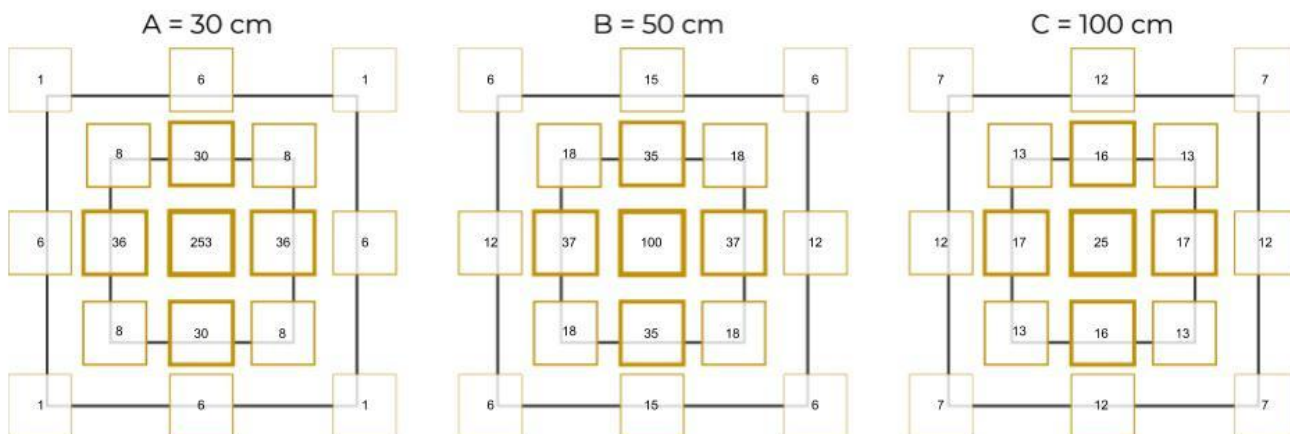
LUX & EFFICIENCY BY HEIGHT

HEIGHT	LUX	EFFICIENCY
30cm	12240lux	182.41lux/w
50cm	4950lux	73.77lux/w
100cm	1350lux	20.12lux/w

PPFD & EFFICIENCY BY HEIGHT

HEIGHT	PPFD	EFFICIENCY
30cm	253PPFD	3.77PPFD/w
50cm	100PPFD	1.49PPFD/w
100cm	25PPFD	0.37PPFD/w

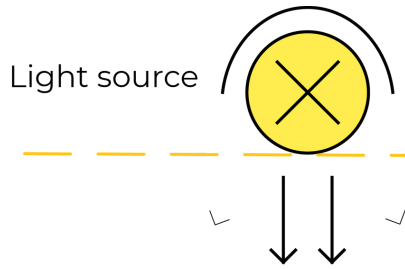
PPFD ($\mu\text{mol.m}^{-2}.\text{s}^{-1}$) READINGS ACROSS 1m^2 and 2m^2 at 30, 50 & 100cm HEIGHTS





BLOOM

PPFD & LUX (lux) READINGS AT DISTANCES FROM LIGHT SOURCE



463 PPFD & 18000lux

$D_0 = 0$ cm

$D_1 = 30$ cm

188 PPFD & 7650lux

$D_2 = 50$ cm

50 PPFD & 2000lux

$D_3 = 100$ cm

POWER CONSUMPTION

WALL DRAW: 115W

LUX & EFFICIENCY BY HEIGHT

HEIGHT	LUX	EFFICIENCY
30cm	18000lux	156.52lux/w
50cm	7650lux	66.52ux/w
100cm	2000lux	17.39lux/w

PPFD & EFFICIENCY BY HEIGHT

HEIGHT	PPFD	EFFICIENCY
30cm	463PPFD	4.03PPFD/w
50cm	188PPFD	1.63PPFD/w
100cm	50PPFD	0.43PPFD/w

PPFD ($\mu\text{mol.m}^{-2}.\text{s}^{-1}$) READINGS ACROSS 1m^2 and 2m^2 at 30, 50 & 100cm HEIGHTS

