



# Nova 820 W

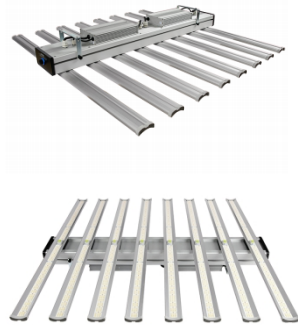
Indoor Farming  
Vertical Farming  
Cannabis Cultivation

LED  
Grow Light

**Multi-layer:** 4-5ft wide benches, 4-6 in from canopy  
**Grow Room:** one fixture per 4ft to 4ft area  
**Suspension and ceiling**  
**Mounting height 6"– 36"**

## Full Cycle, Flowering Cycle

Input Power	820W
Photosynthetic Photon Flux	2214 $\mu$ mol/S
Luminous Efficacy	2.7 $\mu$ mol/J
Viewing Angle	110°
CRI	89
Input Voltage	100-277Vac 50/60Hz
Amp Draw	7.18A@120V, 4.17A@220V, 3.84A@240V, 3.34A@277V
PF	>0.9
THD	<20%
Driver Surge Protection	6KV
Dimming	0-10V
LED Type	3000K+5000K 660nm+730nm
Housing	Aluminum Alloy
Housing Color	Silver
Heat Output	2608 BTU
IP Rating	IP65/surface
Operating Temperature	-10~40°C
Operating Humidity	10%-90% RH
Storage Temperature	-25~60°C
Storage Humidity	10%-90% RH
Warranty Time	5 Years
N.W (KG)	14.7Kg/32.41LBS
G.W (KG)	16.7Kg/36.82LBS
Packing Dimension	1162*245*310mm



**SNAP ON/OFF**  
Patented design

**PRECISE CONTROLS**  
0-10V dimming (flicker free) for individual fixtures or group control (daisy chain via RJ11 cable)

One click snap-on assembly  
Easy to install, expand and customizable  
Dimmable up to 100 fixtures via daisy chain  
Adjustable hanging cable, adaptable to different stages of the growth cycle  
Sustainable packaging to minimize packaging and transportation cost

 5-year warranty

 IP65 waterproof rating



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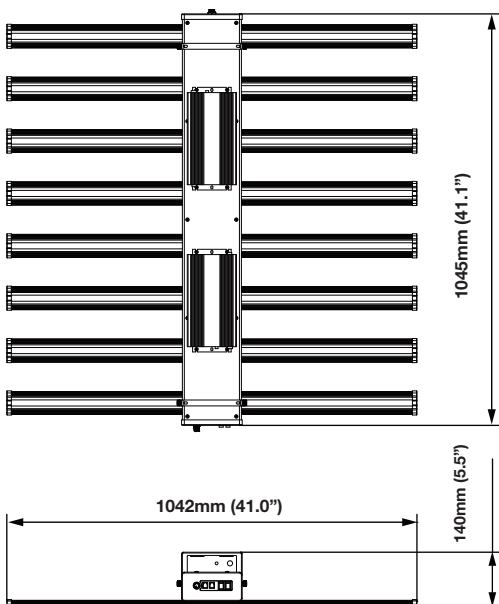


# LED

## Grow Light

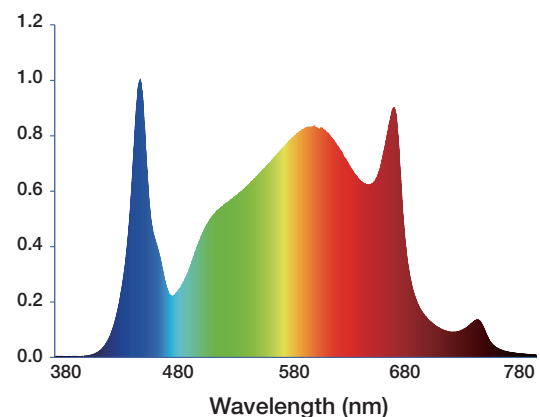


### DIMENSIONS

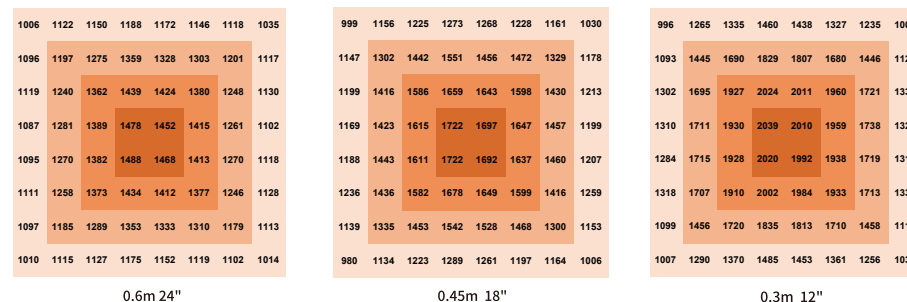


Length (L)	1045mm (41.1")
Width (W)	1042mm (41.0")
Height (H)	140mm (5.5")

### SPECTRAL DISTRIBUTION



### PPFD READING 4FT TO 4FT AREA



MODEL	INPUT VOLTAGE	INPUT POWER	PPF	PPE	ETL	DLC	FCC
DM8-H10-820-A66-A1D	100-277 VAC	820W	2214μmol/s	2.7μmol/J	YES	YES	YES

