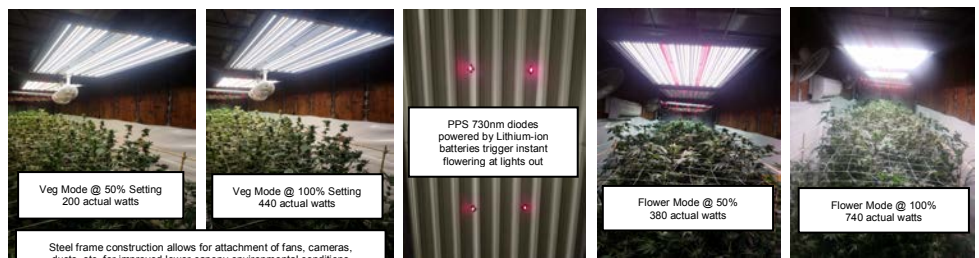
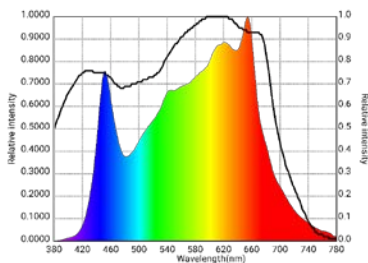


Inda-Gro has long been known for our industry leading Induction Grow Lighting products we're now proud to introduce our newest innovation for plant lighting with our Impact Series of LED Grow Lights. What makes these lights unique to the industry is our patent pending Sine Wave Plant Lighting Technology which incorporates energy saving Light Emitting Diodes ran along surface areas that undulate in a uniform fashion. This allows the diodes to be installed in a greater concentration per square foot to give the diodes greater angles of orientation which benefits plant canopy penetration and provides even intensities and a homogenous blend of the broad PAR spectrums being delivered to the plant canopy.

Our Impact Series Grow Lights have been designed from the ground up with the commercial grower in mind to replace those high wattage/heat grow lights and actually increase the amount of light reaching your plants on a per watt (2.4 $\mu\text{Mole/watt}$) basis all while consuming less power and producing less heat. Other features include:

- Flowering and Vegetative (analog/digital) settings
- High/Low (analog/digital) settings
- Sunrise and Sunset (digital) features which allow the light levels to be slowly increased and decreased
- Passively cooled. No need for noisy fans that will fail to cool the electronics
- Designed to cover a 4' x 5' area (20 sq-ft) (1.86 sq-m)
- Peak Shaving (digital) for utility load shedding in the event of system wide brown out conditions
- Phytochrome Photoequilibrium Switch (PPS) which in the flowering mode at lights out will run a series of 730nm diodes, powered by Lithium-ion batteries to come on which instantly triggers the plants photochemical response to begin to flower. The reason this is important is that in a normal flowering room at lights out the plants will remain photosynthetically active for up to 2 hours before they relax and begin to convert stored energy into flower production. In nature, as within our Impact Series Grow Lights plants exposed exclusively to a 730nm wavelength at lights out will instantly begin to flower. This means that more of the lights out period will go towards flowering production which in turn increases crop yields. It also allows the indoor grower to match outdoor photogenetics photoperiods to that particular genetic.
- 50,000 hour rated which is over 11 years of operation at 12 hour intervals
- The Impact Series comes with our Technical Upgrade Program which allows these lights to be upgraded at reduced costs as diode efficiencies will only continue to improve over time.
- Broad spectrums which increase both plant quality and yields on a per watt basis
- 5 year prorated warranty
- Proudly Made in the USA

Spectral Distribution Graph
Impact Series Model 151-740
Flowering High Mode Setting
Referenced against the
McCree Plant Action Curve



Type Luminaire: LED Sine Wave Grow Light
 Model: Impact Series
 Model No: 151-740
 Wattage: *High Flower (740) Low Flower (380) High Veg (440) Low Veg (200)
 PPF: 1750 $\mu\text{Mol/sec}$ @ High Flower Setting
 Voltage: 100-277 v AC 60Hz
 Dimensions: W 26.5 (67cm) x L 44.5 (113 cm) x H 5.5 (16.5 cm)
 Weight: 33 lbs (15mg)

** All the values shown here are fixed when operated in analog mode. When the 151 Digital Programmable Controller is used the client has, among other features, virtually full range dimming capabilities in both the vegetative and flowering modes.*

Please visit our website or call us with any questions you might have. With nothing else on the market like it we look forward to showing you just how much more we can bring to you and your garden.

Inda-Gro

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