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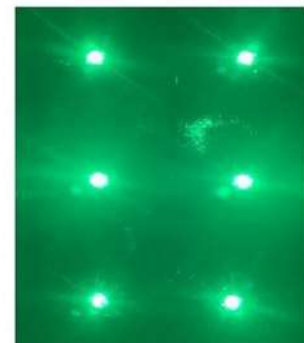
An ISO 9001:2008 manufacturing company

Thermal Light Block Reaction Set up.

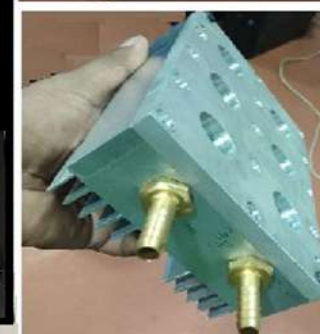
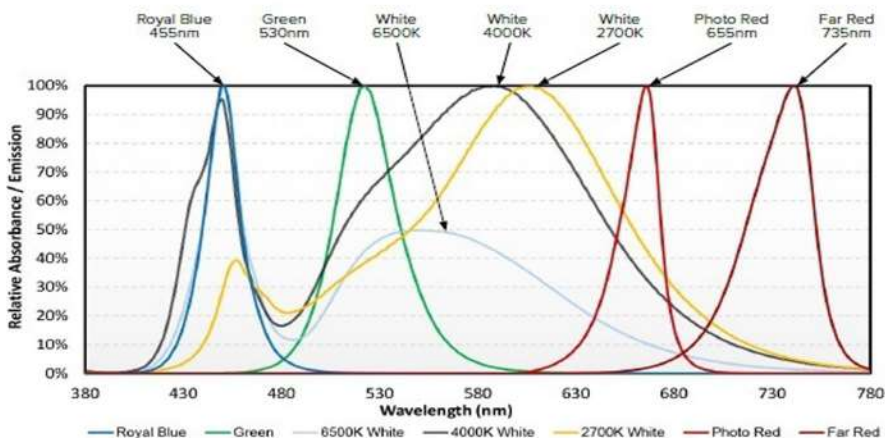
- Efficiency across the spectrum of high power color and white LEDs
- LEDs specifically selected for the highest performance at a given color
- Light output and efficiency evaluated at elevated drive current and temperature
- Specific wavelengths targeted within the PAR range for optimized plant growth
- Create multiple spectral configurations quickly and easily
- We customize products as per demand in design and electronics under special terms and conditions of sales & delivery.

Light specifications:

Specification	Light Type	Light Type	Light Type	Light Type	Light Type
Illumination Colour	Blue LEDs Royal Blue	Amber	Green	Red	Far Red
Wavelength	450 - 485 nm	585-630nm	530nm	655	735
Luminous Flux/ Radiant Flux:	687	80.6 - 100 lm	281	450	285
If - Forward Current:	350 mA	350 mA	350 mA	350 mA	350 mA
Vf - Forward Voltage:	2.85 V	2.86V	2.1 - 3.03V	2.15V	1.85V
Power	3W	3W	3W	3W	2W
Maximum Operating Temperature	+ 80 Deg C	+ 80 Deg C	+ 80 Deg C	+ 80 Deg C	+ 80 Deg C



Spectral Power Distribution of Lights



- Choice of Light Source :: Single Colour, Multicolour,
- Choice of Light Source :: Based on Power & Intensity
- Choice of Light Source :: Based on Wave Length
- Choice of Light Source :: UV lights on demand with special safety enclosure.

Special Features:

- Cold Water circulation jacket.
- Non Jacketed Blocks also available.
- Special Heat sink radiator for long life.
- Made of Specially machined Aluminium blocks.
- Standard Model with 6 exposure holes.
- Available in 8, 12 or more holes on demand.

Applications: Effect of light on Reactions, Medicinal Chemistry, Molecular Biology, Light Based reactions, Semico Biotechnology, Synthesis, Drug Discovery, Medicinal Plants etc.



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