

ENFIS QUATTRO WATER COOLED - POWER LIGHT ENGINE

200W POWER CAPABILITY

| Wavelengths (nm) | Typical Flux/Power Output Levels* |
|------------------|-----------------------------------|
| 375 | 3400 mW |
| 410 | 25000 mW |
| 465 | 25700 mW / 1480 Lumens |
| 520 | 11000 mW / 5000 Lumens |
| 595 | 9160 mW / 3980 Lumens |
| 630 | 18000 mW / 3140 Lumens |
| 870 | 25000 mW |
| RGBA | 3500 Lumens (3000-7000K) |

* taken at 25°C ambient temperature

Note : Luminous output power specifications are determined by the integrated electronics, power and thermal management systems. Higher Power levels may be achieved with custom assemblies and electronics.

Contact info@enfis.com for further details.

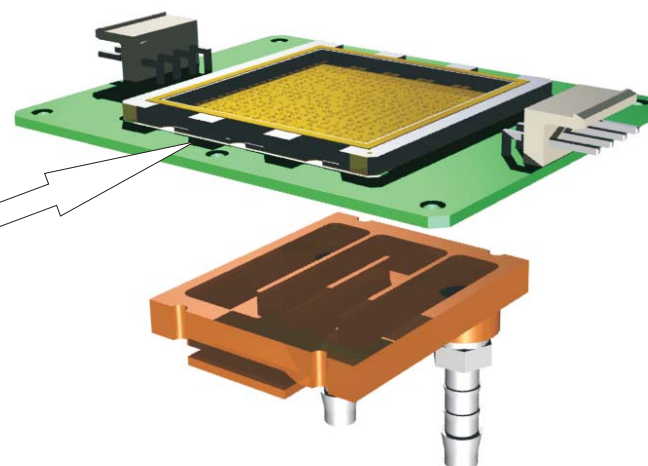
MARKETS :-

- Lighting
- Projection
- Backlighting
- Medical
- Dental
- Consumer
- Inspection
- Security
- UV Curing

1600 LED Chip Density Capability

- Multi Colour - Ultra High Power Density
- In-built Thermal Sensing and Control
- In-built Optical Feedback for Auto Power Control
- High Thermal Conductivity System <0.2°C/W
- Array Aperture: 40mm x 40mm - Emitting Area: 16cm²
- Light Engine Package Dimensions: 100mm (L) x 67mm (W) x 46mm (H)
- Low Voltage - 48 Volt Operation
- Typical Ambient Operating Temperature: +10 <=> +45°C

QUATTRO ARRAY



(electronics not shown
- see separate sheet)

QUATTRO ARRAY



Integrated LED Lighting Solution

QUATTRO Array
16cm²
Emitting Area

Integrated Heat Removal System
Low Thermal Resistance
Water Cooling
Extremely Compact & Lightweight

Power

External 48V
DC Supply Required

Smart Electronics

- Active Thermal Control
- Active Optical Control
- 4 Channel Controlled Colour Mixing
- Efficient LED Driver

Plug & Play

- Simple ON/OFF or PC Controlled Variable Intensity with upto 4 Billion Colours
- Wide Color Gamut

Connectivity

DMX512 Compatible
Pseudo Random Colour
Sequencing Optional

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