

PRODUCTS: IMP6000™



IMP6000™



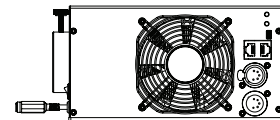
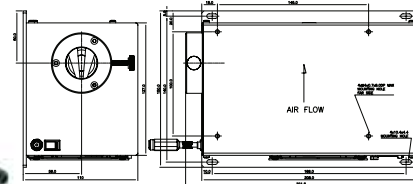
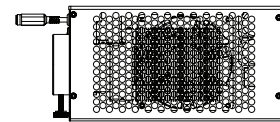
The IMP6000 has dynamic color changing capabilities and a built in twinkle wheel. The unit is user controllable via DMX and has a programmable built-in memory to operate color and twinkle sequences as a stand-alone unit or DMX master. Aside from being multi-functional, the IMP6000 is the brightest multicolor LED illuminator on the market. As the most brilliant, fully capable LED illuminator consuming 96 watts, the IMP6000 is the perfect choice for many entertainment and special effects applications.

FEATURES

- No UV-radiation
- DMX controllable
- Adjustable speed twinkle wheel
- Low power consumption
- 1000 fiber optic capacity

APPLICATIONS

- Retrofit/Replace metal halide
- Replace halogen illuminators
- Decorative Lighting
- Fiber optic chandeliers
- Fiber optic signage
- Fiber optic curtains
- Fiber optic floor lighting



ABSOLUTE MAXIMUM RATING

PARAMETER	MAX RATING
DC Forward Voltage	24V (±5%)
DC Forward Current	4A
Operating Temp	0°C to 40°C
Storage Temp	-40°C to 70°C

OPTICAL PERFORMANCE*(R, A, G or B)

COLOR	FLUX(lm)	λ_p (nm)
Red	2000	625±5
Amber	2000	590±7
Green	3750	525±10
Blue	1100	470±5

OPTICAL PERFORMANCE*(MIXED RGBA)

COLOR	FLUX(lm)	λ_p (nm)
Red	630	625±5
Amber	300	590±7
Green	830	525±5
Blue	230	470±5

**Minimum Value*

MECHANICAL DIMENSIONS

PARAMETER	DIMENSION
Base	221.5mm x 150mm
Height	110mm

OPTICAL PERFORMANCE*(MIXED RGB)

COLOR	FLUX(lm)	λ_p (nm)
Red	1260	625±5
Green	830	525±10
Blue	230	470±5

IMP6000 - **Device Color** - **Power Supply** - **Color Wheel**

RD	Red only	P1	Portable Class 1 Unit with Barrel Connector	SP	Sparkle
AM	Amber only	P2	Portable Class 2 Unit with Barrel Connector	NC	No Color Wheel
GN	Green only	H2	277 Compatible (IP67)		
BL	Blue only	00	No Power Supply		
MX	Mixed RGB				
MA	Mixed RGBA				