Big Dipper

BW30-RGB

30W Outdoor Waterproof Laser Light





Technical Specifications:

Laser Power: 30W using imported Nichia laser source
Power Configuration: Red:10W (635nm);Green:10W (532nm);Blue:15W (455nm)
Operating Temperature Range: -40°C to 50°C
Power Consumption: 400W/hour; Scanning Speed: 40KPPS
Scanning Angle: 60° standard scanning unit with drive circuit
Divergence Angle: ＜1.0mrad
Control Modes: DMX512, UDP, ILDA (RJ45 and ILDA interfaces)
Operating Voltage: AC 110V-240V, 50/60Hz
Protection Rating: IP65
Dimensions: 450x370x230mm
N.W.: 22kg

Performance Features:

1. Laser Source: Uses original imported laser tubes for high stability and long lifespan.
2. Unique Laser Design: Completely sealed from dust, moisture, and air. The internal optical system and components operate in a clean, dry, oxidation-free environment, ensuring lower light loss and greater stability. The electronics are protected from condensation and always remain dry, resulting in smoother operation and lower failure rates.
3. Built-in Temperature Control System: Automatically adjusts temperature, enabling stable operation between -40°C and 50°C.
4. High-Speed Scanning Subsystem: Enables precision control of laser beams to create customized beam effects, patterns, and text as designed.

技术参数：

激光光源功率：30W 进口日亚光源
功率配置：红:10W(635nm);绿:10W(532nm);蓝:15W(455nm)
工作温度范围：-40-50°
消耗功率：400W/小时；扫描速度：40KPPS
振镜角度：60° 标准扫描单元及扫描驱动电路
发散角度：＜1.0mrad
控制模式： DMX512，UDP，ILDA接口:RJ45.ILDA
工作电压：AC110V-240V, 50/60Hz
防护等级：IP65
机器尺寸：450x370x230毫米
净重：22千克

性能特点：

1. 激光光源：采用原装进口激光管，稳定性高，使用寿命长
2. 独一无二的激光设计：完全阻绝了灰尘，水汽，空气的进入，系统内部的光路系统、光学配件始终在无尘，无水汽，无氧化的环境下工作，光损耗更低，更稳定；电路部分不再被凝露所威胁，永远处于干燥的环境，运行更平稳、故障率更低；
3. 内置温控系统，自动调节温度，可在-40°- 50°稳定工作。
4. 高速扫描子系统，提供了对激光束的扫描功能，使得激光器发出的光束，能按照设计者的意图，形成特写效果的光束或者图案和文字。