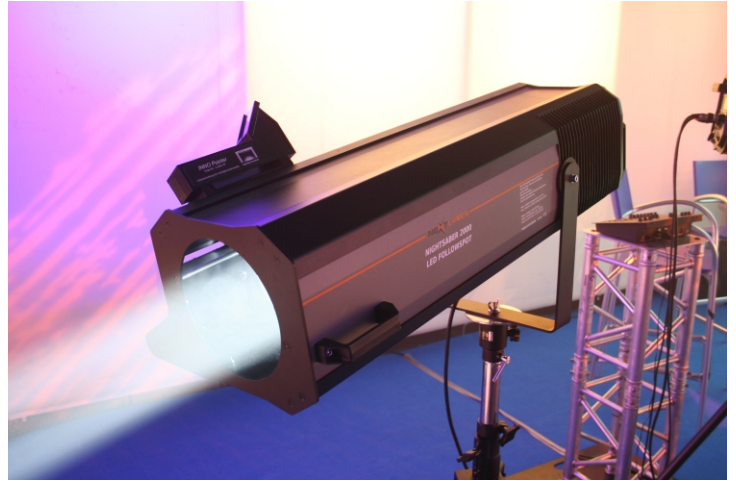


# NIGHTSABER 2000 LED FOLLOWSPOT



- **High power LED follospot for theatrical, concert and TV-studio use**
- **State of the art high efficient illumination design uses Luminus LEDs**
- **2000W HMI or MSR equivalent light output with very even field**
- **Completely silent fanless design, passive cooling**
- **Motorised iris and two independent color wheels**
- **8 bits/16 bits smoothing, 4 types of control curves, DMX capable**
- **Low maintenance due to the passive cooling and fanless design**

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**NEXT LUMEN**

## Description:

Light source:	Use of outstanding Luminus Devices LEDs enabled us to create a very narrow angle illumination path with extremely good efficiency. Color temperature is 6500°K that is optimal for followspots almost at any events or productions. With the use of correction filters other color temperatures and plus/minus green or magenta shifts are easily possible.
Optical system:	Optimized size of collimators and light concentrator condenser lenses. Large diameter front lenses for high efficiency and even field.
Outgoing power:	The carefully designed optical path and industry-leader LEDs enable to reach 2000W HMI or MSR equivalent illumination level with only 270W power consumption.
Level control:	16 bits LED driver with sophisticated computing algorithm using of square-law calculating and 8 bits to 16 bits smoothing. 4 types of increase/decrease characteristics: linear, square-law, S-curve and inverse square-law curves.
Iris and colors:	Motorised iris and two independent color wheels. All colors are easily exchangeable with use of gel-type color filters.
Cooling:	There is no fan in the unit. Outstanding passive cooling with heat pipes inside and light weight moulding construction with very large area cooling fins. Maximum ambient temperature is 35°C Microprocessor-controlled temperature compensation ensures consistent outgoing level in any operating environment. LED power shuts off gradually in the case of using the fixture out of its specified temperature range.
Housing:	Aluminum moulding and sheet metal construction contains no plastic parts. Ergonomical design for easy use of the fixture in real life environment. Design feedback came from experienced followspot-operators.
Power supply:	88-264V / 50-60 Hz switching power supply with built in PFC. Power consumption is 270W. Neutrik PowerCon True1 connectors.
Data input:	DMX 512 using Neutrik XLR 5 pin connectors. 4 control channels.
Cleaning:	Due to the fanless design it requires low maintenance. Only the front lenses need external dust removal time to time.
Operating position:	May be used in any position. In worst-case situation when LEDs are on state and the environmental temperature above 30°C power deration is possible without complete switch-off.
Weight:	24 kg without packaging