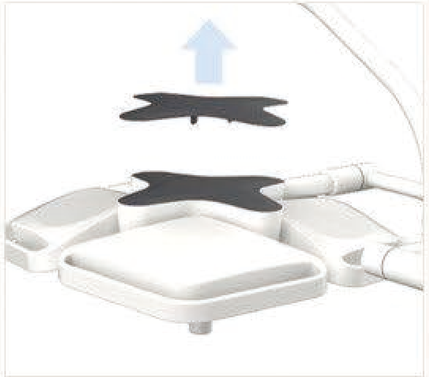
Precise dimming control for various lighting request

With 16-stage illuminance adjustment, 4-stage color temperature adjustment, 16-stage spot size adjustment by electrical control, endo mode, R9 mode, green light (GL) mode.

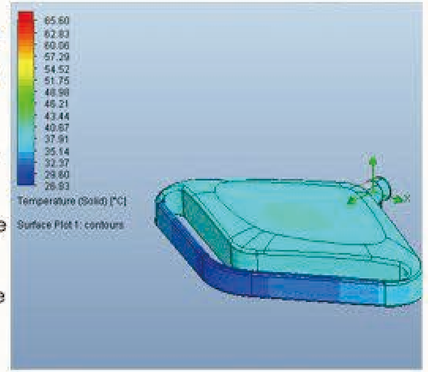
Unique maintenance room for quick and easy maintenance

The innovative design of photoelectric separation keeps the circuit board away from heat sources. It increases the service life time, also improves the simplicity, economy and timeliness of the maintenance. What's more, the control box can also be easily opened and maintained.



Original thermal management system to effectively reduce the temperature of chip core

The cast high-heat-conducting aluminum alloy radiator increases the internal heat-dissipation area, which can instantly derive heat, and with high-efficiency LED bulbs, allow to effectively reduce the temperature of the lamp and improve the service life of the lamp.



High-density light mixing system makes for precise, handy dimming

Using HFMED®'s special high-density light mixing technology, it provides high brightness with great quality, and it's with 16-stage illuminance adjustment from 40000lux to 160000lux and 4-stage color temperature adjustment from 3500K to 5000K.

Main Technical Data

HF-L3S LED	Shadowless Operating Lamp
Illuminance	140,000Lux
Colour temperature	3500±300K,4000±300K,4500±300K,
	5000±300K
Color	White + dark gray
Illuminance depth	1000mm
CRI(Ra)	≥95, Peak 96; R9: 92; R13: 95
light field size by electric control	120-250mm
Power supply voltage	35-75W
LED brand	OSRAM
Material	aluminium alloy+PC
Bulb qty.(pcs)	75PCS
Endo Mode	Available
R9 Mode	Available
Green Light Mode	Available