



12LED Head

The 12LED system is offered to those users that require maximum flexibility. The system can be configured with up to 4 compact light heads each comprising a total of 12 ultra bright LED's.

The ON/OFF and dimming function is programmable via the USB or WIFI interfaces.

All 4 light heads are connected to a single controller to deliver continuous or pulse operation. The controller allows for independent configuration of intensity of each light head.



For applications that require color illumination the lights heads are offered with white, red, green and blue led's. The controller also features automatic detection of the color led's in the 12LED heads automatically adjusts its operating condition.

12LED	
Reflected beam angle	12,5o (Cone Ø 250mm at 1m)
Power Consumption	130 W
Maximum duty cycle	100%
1 Foot	60,000 Lux
5 Feet	6,000 Lux
10 Feet	1,600 Lux



Controller

Controller	
Ports	4
Interface	USB and WIFI
Modes	Continuous and Pulsed
Amplitude	TTL
Max Frequency	100KHz
Min Pulse Width	1µs
Operating Temperature	-20C to 70C
Storage Temperature	-40C to 85C
Input supply voltage	48VDC
Input current	Continuous mode 6 Amp (max) ,Pulse mode 14Amp (max)



Power supply

Power Supply	
Input	AC 85 – 265V DC 120 – 350VDC
Output	48VDC / 13Amp (max) (peak: 15Amp max)
Operating Temperature	-20C to 74C
Storage Temperature	-40C to 85C