



The ALED-2500 is a rugged built LED light set for use in onboard crash test applications. Giving a wide variety of applications ALED-2500 can run in continuous mode or synchronized to high speed cameras by providing the STROBE signal to the BNC input. The ALED-2500 controller is easily mounted in specific locations and up to 4 small light heads with 150 watts each are connected via a 3m (10feet) cable.

General specifications

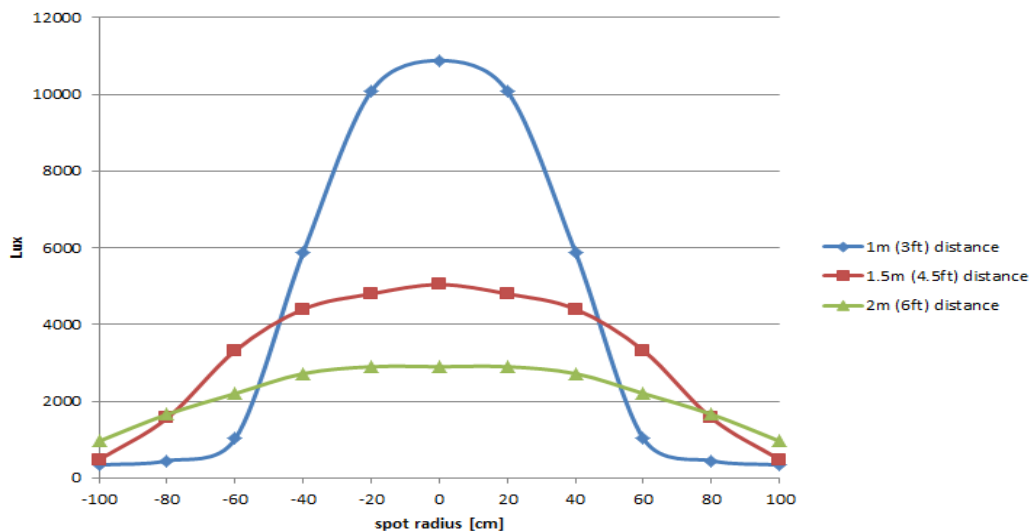
Power	Battery operated
Charger	115VAC or 230VAC (specify when ordering) charger unit is part of delivery (external)
Charge Control	Charge condition LED on charger
Physical Dimension	h:115mm x w:175mm x d:85mm / weight: 2kg
# of LED Heads	User selectable 1-4 with 150 Watts each, connected via single cable to controller
Physical Dimension LED Head	h:70mm x w:58mm x d:40mm / weight: 250gr
Color Temperature	Approx. 5700°K
Operation	Continuous operation, flicker free or strobe operation via STROBE BNC input
Max. Frequency (fps)	4000Hz (fps)
Min. Pulse Duration	30µsec
Temperature Protection	Overheating protection built in controller / LED head
Mounting of Head	2 x M6 thread / 1x 1/4" UNC on bottom
Mounting of Controller	Brackets on controller with 4 holes for easy mounting

Specifications and Operation



LED1-LED4	Connection for LED head with 150 Watts each
STROBE	STROBE input for synchronized operation with high speed camera. Length of STROBE pulse equals length of flash
CHARGE	Input for battery charger (part of delivery)
LIGHT ON	Switches on light continuously, no STROBE Function
POWER	Sets ALED-2500 in operation

Light output (per A-LED 2500 head)



Ordering information

03-480-01	ALED-2500 controller including 1 LED head, 3m (10feet) cable and charger
03-480-02	ALED-2500 controller including 2 LED head, 3m (10feet) cable and charger
03-480-03	ALED-2500 controller including 3 LED head, 3m (10feet) cable and charger
03-480-04	ALED-2500 controller including 4 LED head, 3m (10feet) cable and charger
03-480-00	ALED-2500 controller without LED head, with charger
03-485-00	ALED-2500 additional LED head with 3m (10feet) cable

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