



Sunfire Daylight 5600K (DMX-215-56K)

Instruction Manual

PR◀▶AIM
└ CINEMA SERIES ┘

At Proaim, our goal is to ensure 100% Customer Satisfaction in all that we do.

We back our sales with a 1 year warranty from the date of purchase and work hard to resolve any problems in the unlikely event one should arise.

With our commitment to continuous improvement and your Feedback, building on our reputation of providing affordable, quality products is
PRIORITY #1.

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■ Welcome To Proaim!

Dear Client,

On behalf of all the people that work so hard to provide you with the most up-to-date, flexible and cost-efficient production gear, we would like to welcome you into the Proaim family.

By purchasing your Proaim Sunfire Daylight 5600K, you have just joined a host of designers, engineers, machinists, assembly, customer service and office staff that take great pride in all that they do. Our mantra of continuous improvement has been the guiding principle of how we conduct our business since day one.

Once you have the opportunity to experience your new Proaim Sunfire Daylight 5600K, we hope you will agree that we craft quality products at a competitive price. Products designed to meet and exceed the standards of today's real production world.

Standards set by our valued clients and standards we strive to maintain.

With Best Wishes,
Proaim Team

■ Introduction

Sunfire Daylight by Movofilms is the most powerful led lighting kit on the market; all while using less than 2amps of power. Whether for Broadcast ENG remote field production, live sports coverage, fixed studio installation, video shoots or film, led light provides a wealth of lighting benefits and features ideally suited to a wide range of lighting applications. The Daylight comes equipped with four quick change hard gel lenses to vary the beam angle; very narrow, narrow, medium or flood while maintaining a flat, even field.

■ What's In The Box

Please inspect the contents of your shipped package to ensure you have received everything that is listed below.

- 1 x Movofilms Sunfire Daylight 5600K
- 1 x 15 Degree Diffuser
- 1 x 30 Degree Diffuser
- 1 x 55 Degree Diffuser
- 1 x Diffuser Bag
- 1 x Barn Doors Set
- 1 x Carrying Case



Safety Hints

ATTENTION: PLEASE READ THIS BEFORE USING TO PREVENT SERIOUS DAMAGE TO EQUIPMENT!

- This light is intended for indoor use only.
- Only qualified and certified personnel should perform installation, not for household use.
- These lights should always be installed/mounted in a stable and secure location.
- Always allow adequate ventilation of the light. Never cover or, in any way, obstruct the louvered openings in light.
- Make sure that light is only used in dry location. Do not use light in or around falling water, wet locations or moisture.
- Never look directly into the light source while the fixture is turned on. Light source is very bright and could cause damage to eyes.
- Do not probe or touch any interior features of the fixture. This includes LED sources inside the barrel of light. Doing so may cause damage to the fixture and/or may present a shock or burn hazard.
- Always make sure that the light fixture is connected to proper power source with proper voltage and current ratings. Also, make sure that adequate over-current protection is provided for the circuit as well.
- This light contains no-user serviceable parts. Do not open the light housing or attempt any repair or modification of the light. Failure to observe this warning could result in damage to the light, injury and/or voiding the limited warranty.
- Inserting objects or fingers inside any openings or connectors could result in a shock hazard/injury and damage to the light.

FOLLOWING THESE GUIDELINES WILL PROVIDE BETTER IMAGES AND TROUBLE FREE OPERATION.

SHOULD YOU NEED ADDITIONAL INFORMATION, TECHNICAL ASSISTANCE IS AVAILABLE 'ONLINE' BY CONTACTING YOUR SALES REPRESENTATIVE.

Unpacking Instructions

Immediately upon receipt of this light, carefully inspect the packaging for any obvious signs of damage from mishandling or exposure to elements. If any is noted, please provide this information to the shipper immediately so that proper claims can be processed. Place packaging in upright position (with labelling and markings in readable orientation) and open the top end of carton. Remove the light and associated material from carton and place them on a stable surface or mounting configuration using the provided yoke and yoke pin mounting system.

■ Assembling

- Make note of the location of inputs and outputs along with light controls found on its Control Box, as shown.



NOTE: The AC & DC Power Cables will be found tie-wrapped & coiled-up inside the yoke attached to the power supply, inside the shipping container.

- Uncoil the AC and DC Cord, plugging the DC female end into DC power input, located on back of Control Box (shown above).
- **NOTE:** Lights operate on grounded 110v – 240v, 50/60Hz AC Input. AC Supply Source must be sized properly and has approved protection circuitry for safe operation. Take care to observe all proper precautions when connecting power.
- **NOTE:** If the external flexible cable or cord of this light is damaged, it shall be exclusively replaced by contacting us or a similar qualified person, in order to avoid hazards.
- Plug the male end of AC Power Cord into an appropriate AC power source.
- Turn on the Light by pressing Power Switch, located at the back of Control Box.

- Using the selector switch located on the right side of the control box select the desired mode in which you wish to operate the light i.e. local or DMX.
- Upon Power Up, the factory default setting will turn the light immediately to its full brightness, unless any other specific “Power On” setting has been previously programmed into the light.

AC Power

Sunfire Lights operate on standard single-phase AC power.

- Input Voltage Range: 100 – 240Vac
- Input Frequency Range: 50/60 Hz

NOTE: *Standard Power Cord supplied with Sunfire Light is intended to connect with standard, single-phase 110-120Vac, 60 Hz USA circuit. An adaptor for use with 240Vac, 50Hz European circuit is also included. Other power cords for connection to other countries’ single-phase circuits are available as options. No other special adjustments or changes are required for operation at international voltages.*

WARNING: *Never connect Sunfire Lights to anything other than a single-phase circuit. Connection to three-phase power can/will cause serious damage and/or bodily injury.*

Functional Requirements

The following section provides all the functional requirements for Lights Rotating Selector Value – 00 – manual dimming using potentiometer on the front panel.

DMX Mode

- This mode shall be active when the Address switch is set to DMX.

DMX Controller Interface Requirements

- The software shall accept input from the DMX512 controller that represents user requested values for Brightness.
- The DMX input to the light is mapped as follows:

Channel 1:

Brightness: 0 – 255

One light need 1 DMX channel.

Rotating Selector Code Table:

00 – Manual dimming
 01 – DMX channel 1 – Light 1 dimming
 02 – DMX channel 2 – Light 2 dimming
 03 – DMX channel 3 – Light 3 dimming
 04 – DMX channel 4 – Light 4 dimming
 ...
 ...
 ...
 ...
 ...
 99 – DMX channel 99 – Light 99 dimming

NOTE 1: *DMX electrical signal is received from DMX-IN connector and amplified, then sent through DMX-OUT connector to next light equipment. This way each light equipment is functioning as a DMX Repeater. The mentioned feature provides a long single DMX signal branch connections (up to 99 lights) at long distances.*

In case when the current light equipment is in Power Down condition, then a special By-Pass relay provide input signal to the output (not amplified); this way all the connected light equipment devices continue to function with full DMX features.

NOTE 2: *The DMX signal circuitry is fully electrically insulated from the internal circuit of light. This way no hazard or influence of the electrical circuit in any light equipment could spoil the voltage potentials of DMX connecting cables and wires.*

NOTE 3: *The thermal management of the light is based on sensing a high temperature (+65°C inside the light), when the RED front LED goes to ON conditions. In such a condition, use of the full power is no more recommended – please decrease the power at least with 20%, due to the higher environment temperature.*

In case temperature is higher than the described limit (+75°C inside the light), the emergency OFF condition is effectuated and lamp goes to OFF mode (RED LED is still ON). In such a case, leave the light to become cool or take it away from hot environment, and then the function will be restored.

General Maintenance and Care

When not in use, Sunfire Light should be stored in a dry and dust-free area. General Maintenance and Care consists of making sure that the light always has good ventilation and that nothing is obstructing free air flow through and around the light. Do not use chemicals to clean it. Any cleaning of the light, especially LED optics, should be with a damp (not wet) soft cloth, which is non-abrasive.

**YOUR MOVOFILMS SUNFIRE DAYLIGHT 5600K
ALL DRESSED UP AND READY TO GO!**



(SHOWN WITH OPTIONAL ACCESSORIES)

WARRANTY

We offer a one year warranty for our products from the date of purchase.

We will repair or replace your product, free of charge, in the event of a defect in materials or craftsmanship obtained during normal use or handling based on the user manual. Please note that we will not cover any shipping costs for returning the product to us. If any VAT or import duties are applied to the return, we will also charge these costs to the customer.

The warranty does not include, by the way of example, damage caused by products that we do not supply or from mishandling in transit, accident, misuse, neglect, lack of care of the product , or service by anyone other than our company.

We are not liable for incidental or consequential damages resulting from the use of the unit or occurring due to any breach of this warranty.

Replacement parts of the product will be provided at nominal cost (covering the cost price of the replacement parts only) to the customers after the Warranty Period has expired. We will cover the complete cost of sending replacement parts within the warranty period. After that, Nominal cost of the product & Actual shipping cost will be charged.

Do not send the unit to us without first getting a response and getting the approval to send back the item.

In case of any kind of dissatisfaction, we urge you to Contact us immediately and we shall do our Best to help you out. For any other assistance you can reach us via email.

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