

Extreme in Action: Infrared Illuminators Conquer the Darkness



BOSCH

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“Compared to the alternatives available, we found AEGIS UFLED to be more versatile. Not only is there a low power requirement, but they also weigh considerably less and were robust and weatherproof.”

Jo Charlesworth, Remote Camera Specialist for the BBC

Project: BBC Springwatch
Sector: Broadcast television
Product: AEGIS UFLED Intelligent-IR Illuminators

Infrared Illuminators Aid Night-time Filming

Bosch's AEGIS UFLED Infrared Illuminators are the preferred lighting choice for night-time broadcasting for Jo Charlesworth, a Remote Camera Specialist for the BBC. Charlesworth built the lighting used for filming the popular Springwatch series, an annual BBC television event broadcast live from locations around the UK.

Problem: Broadcast Program Needs to Film Wildlife During the Day and Night

- Popular Springwatch television series follows the activities of a diverse selection of UK wildlife during the spring months
- Viewers have access to the animals via web feeds 20 hours of the day and night and during a weekly television program
- Cameras need to record animals in their natural environments, even in total darkness.

Solution: UFLED Infrared Illuminators Enable Broadcast Quality Night-time Filming

- Infrared illuminators deliver crisp images that more closely resemble those captured during daylight hours
- 3D Diffuser (Black Diamond) Technology provides even illumination across the entire scene
- Constant Light Technology ensures a consistent level of illumination throughout the product's lifetime
- Low power requirement reduces the amount of batteries needed during filming

Results: Crisp Video in Animals' Native Environment

- Infrared illuminators mounted on top of the cameras enable mobile filming of wildlife
- Rig holding up to 10 illuminators created to film animals on the riverbank provides the right amount of light without bleaching
- Low power requirements are ideal for outdoor filming where supplies and power are limited
- IP67 rated design withstands damp spring weather



The BBC uses AEGIS UFLED Intelligent-IR Illuminators for filming a variety of animals in their natural environments.

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