Spreading the light around the world...

Lights! is primarily concerned with the creative application of lighting in entertainment and architecture – and with people, projects and products they use to realise their lighting concepts. Lighting is a creative art in its own right. When executed well it is not viewed as a creative work but judged on its effectiveness in lighting a play, show, building or film. When it is done badly, the lighting immediately becomes apparent.

Lights! has endeavoured to provide a forum for lighting designers to discuss how they approach a commission, to review some of the changes in technical affairs, look at new products on the market and their application. To talk to a variety of people involved in lighting, sharing their ideas and maybe providing inspiration to those just beginning a lighting career, or to broaden the knowledge of specialists working in a different area of lighting. And also to exchange views internationally amongst our world-wide readership.

In this issue we bring stories from Holland, America, France and Britain, plus a special report from Ireland. They cover a span of applications from lighting a Parisian Bistro, a Glasgow Boutique, a Glass Sculpture in Croydon, to the open air Wolf Trap theatre in America. We visit Ravensbourne College to see how students are training for a career in television engineering.

With the total lighting package for TV studios today demanding a greater system integration we review Strand's new range of suspension equipment which complements the luminaires, controls and dimming already offered. By contrast, reporter kits, using compact new daylight sources, provide a powerful new system for news reporting.

But not everything is new and much can be learned from the past – an area where Strand's long experience is unrivalled. Fred Bentham looks back at influences on controls and colour music and we touch on the subject of colour theory, a subject demonstrated by Strand during the 1991 Waldram lecture in Bradford.

Editorial advisers: David Brooks, BSc., CEng, MIEE, DMS. Andrew Collier, BSc(Hons). Edward Pagett, BSc(Hons), AMIEE. Lights! is the official journal of Strand Lighting Limited, Grant Way, Syon Lane, Isleworth, Wildle Con

Middlesex, TW7 5QD, England. Telephone: 081-560 3171. Fax: 081-568 2103. Telex: 27976.

©1992 Strand Lighting Ltd. Vol.3, Issue 1. ISSN 0958-7217.
Strand is a registered trademark of Strand Lighting Ltd. and Strand Lighting Inc.
Edited and produced by: Jobn Howard Associates, Ramsey Manor, High Street, Burwell,
Cambs., CB5 0HD, England, and printed in England.

IN THIS ISSUE

4 FEATURE

Ireland rises above the news headlines to prove it is united in the arts. A special *Lights!* report.

NEWS

Creating an artificial sky/ 'allo, 'allo – It's the top Paris bistro/ Holland leads with EC90/US honours Strand technology/Hilite on glass sculpture/lighting Jesus.

3 FEATURE

Where lighting stars are born.We take a close look at a top British TV college.

10 TECHNICAL

New deal struck on studio suspension systems.New lighting kits for ENG.

12 TECHNICAL

We look at the way our understanding of colour lighting and vision has developed.

14 FEATURE

Wolf Trap is a United States' theatre-with-a difference. *Lights!* goes behind the scenes.

15 HISTORICAL

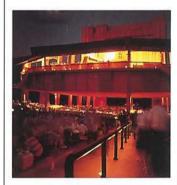
Strand Lighting has featured large in entertainment and architectural lighting for most of the 20th century. We look at some notable 'Strand Firsts'.



Religion and politics have divided Ireland for generations. But on both sides of the border, the lighting industry proves the old saying 'the show must go on'.



A new era dawns for suspension systems and new lights are designed for electronic news gathering.



A unique theatre has become a national monument in the United States. We look at the background to Wolf Trap.

Front cover: Kevin Costner stars as 'maverick' District Attorney Jim Garrison in 'JFK', the recently-released movie dealing with President Kennedy's assassination. Under the direction of Oliver Stone, the highly-acclaimed film was shot using a Strand Quartzcolor studio rig including HMI lights.
Photo: Warner Brothers.