

## TECHNICAL REPORT FOR THE LIF ANNUAL REPORT 2008

### TECHNICAL BOARD

The Technical Board is responsible for all technical matters in LIF. This includes formulating the technical policy of the Federation, providing external technical contacts and communications, providing technical advice to LIF Council and Member Company Contacts, and responsible for all technical promulgations including the Technical Forum and International safety, performance and application standards.

This is the 12<sup>th</sup> year that Lou Bedocs has chaired and led the operations of the LIF Technical Board. The Technical Board is made up of 11 member experts plus the Chairman, LIF Technical Manager and LIF Marketing Manager. The Board and its five specialised Technical committees cover all technical aspects for Lamps, Control Gear, Emergency Lighting, Luminaires and our new group covering LEDs. They provide the knowledge bank on which LIF and ICEL rely for their technical requirements.

This team shoulder the majority of the technical work load for the Federation and should be thanked wholeheartedly for their outstanding efforts.

### TECHNICAL FORUMS

A key communication route to members by the Board is in the joint LIF and ICEL Technical Forums, which are traditionally held in January and June, are CPD accredited events. The Forums continue to provide a most effective medium for giving timely information and guidance to Members with opportunity for debates.

The event in January 2009 was our most popular Forum to date with 81 registered to attend. The main subjects were EuP and LEDs. The Energy Using Products Directive should be seen as an opportunity for our industry as it will remove less efficient products from the market. Of course, LEDs are the “emerging” technology that is being acclaimed as the solution to all lighting energy problems. The new LIF LED Application Panel has been constituted to educate the marketplace how to manage LEDs in luminaires and the realistic performance of LEDs and LED Luminaires.

The Forums also provide the ideal venue for Members to meet with their counterparts from other Member companies and seek answers to current issues during the surgery. Members have an opportunity to feed back their assessment of the Forums and make suggestions for future subjects. Analysis of the feedback forms indicates that those delegates who did fill out their forms found the event was “excellent”.

## TECHNICAL STATEMENTS AND GUIDES

The LIF Technical Statements continue to provide clear Industry guidance on matters affecting Members and their customers. This is why they are available for free down load from the LIF web site. We added TS41 covering T5 Lamp Adaptors for T8 luminaires and updated TS42 Daylight Photocells and the RoHS directive. Currently in draft are TS43 and TS44 and we recommend that you check out regularly the list of statements on our web site [www.lif.co.uk](http://www.lif.co.uk).

## STANDARDS

The Federation and its Members recognise the importance of having standards by which we can bench mark the safety, performance and application requirements for lighting products and installations. Members of the Technical Board are deeply involved in this process to the benefit of all Members. Last year we saw the publication of the 7<sup>th</sup> Edition of IEC 60598-1. This year, amongst other product standards, we have been working on the control gear (IEC 61347 series) and emergency lighting luminaire (IEC 60598-2-22). Much effort was put into the updating of the lighting applications standards. The EN12193 Sports lighting and EN1837 Lighting of machines are already published, the revision of Lighting of indoor workplaces (EN 12464-1) standard is nearing completion and work on EN 1838 update has commenced. These major revisions are important to keep up with requirements and technology developments and you will hear more about them at the Technical Forums.

## REGULATIONS AND OTHER GOVERNMENT INITIATIVES

Undoubtedly the major activity during the year was on energy efficiency matters particularly the development of the Implementation Measures for the EuP directive. Our work in this is mainly in CELMA the EU body that LIF is a key member. But we continue to develop the Lighting Industry positions for these measures for the EuP and ECO design legislation not only for EU Commission input but also for the appropriate UK government department. LIF experts have pressed for greater recognition of energy limit measures based on the required lighting schemes and together with other CELMA members pressing for a separate directive on “total lighting solution” based energy use limits.

LIF is working with many Government departments and consultants on a multitude of energy saving initiatives.

LIF and ICEL experts have been working with Defra and BERR on the implementation of the Battery Directive to minimise the impact on emergency lighting products. Batteries placed on the market specifically for emergency lighting are now designated as Professional/Industrial thereby permit the continued use of NiCd batteries in self-contained luminaires.

LIF experts are working with DCLG (was ODPM) on the revision of the lighting requirements for the 2010 edition of Part L the Building Regulations Approved Documents L1A, L1B, L2A and L2B.

The LIF Lamp TC has worked extensively to update the requirements of the Energy Saving Trust Lamp Specifications, which is now at Version 6.1 and also includes LEDs. However, the work on LEDs is of special interest and will now be taken up by our LED Applications Panel.

## CELMA

The Federation is a major partner of this EU industry body. Through CELMA we have forged close working relationships with other kindred EU organisations and with the EU commission. CELMA is a major driver for better surveillance on products, counterfeits and patent infringements. It has increased its lobby role on directives and the promotion of quality lighting products and producers. Also through CELMA we are helping to fund the CEN TC169 standards committee that is driving the development of European Lighting applications standards. These standards are vital for our industry and our product users. We will continue to work with and through CELMA on European issues for the benefit of our Members.

## THE FUTURE

There are many challenges ahead particularly connected with energy, environment and sustainability matters on products and systems that the Technical Board will need to tackle. The Board is now manned with people of the right skills, interests and attitudes to ensure success. I look forward to reporting on this activity next year. The Board is not isolated it is ready to receive and eager and deal with members concerns. For a real experience you are most welcome to attend the LIF Forums and join in the debates.