MEETING OUTCOME/INFORMATION TC 34 Working Group Meeting Auckland - New Zealand, March 26-30, 2012

I. SC34A Standards Work Overview

1.	New Standard Published	
		Publication
	 IEC 60901 Amd5 Single-capped Fluorescent 	
	Lamps-Performance	11/2011
	 IEC 60432 Amd2 Tungsten Filament Lamp 	12/2011
	 IEC/TR 62732 Ed. 1 Three digit code for color 	01/2012
	- IEC 62560 Corrigendum 1 Self-ballasted Lamps for General	
	Lighting Services, >50V, Safety	01/2012
	 IEC 62639 Ed. 1, Fluorescent Induction Lamps-Performance 	02/2012

2. Standards Under Development/Review/Revision

a. Self-ballasted Lamps

- IEC 60968 Safety Performance (edition 1)
- IEC 60969 Performance (edition 1)

b. LED Modules and Lamps

- IEC62031 LED Modules for General Lighting Safety
- IEC 62560 Self-ballasted LED Lamps for General Lighting Services >50V, Safety Specification
- IEC 62612 Self-ballasted LED Lamps for General Lighting Services >50V, Performance Requirement (edition 1)
- IEC 62663-1 Non-ballasted LED Lamps Safety (edition 1)
- IEC 62663-2 Non-ballasted LED Lamps Performance (edition 1)
- IEC TS 62504 Definitions for LED and LED Modules (Edition 2)
- IEC 62707-1 LED Binning Part 1: General Requirements (Edition 1)
- IEC 62707-2 LED Binning Part 2: Luminous Flux (Edition 1)
- IEC 62707-3 LED Binning Part 3: Forward Voltage (Edition 1)
- IEC 62717 LED Modules for General Lighting Performance (Edition 1)
- IEC 62776 Double-capped LED Lamps for General Lighting Services, Safety (Edition 1)

c. Induction Lamps

- IEC 62532 Fluorescent Induction Lamps Safety
- 3. New Work Items
 - CCFL Performance
 - CCFL Safety

- EEFL Performance
- EEFL Safety
- TR Method of Translating Binning Structure to 62707-1
- Self-ballasted LED Lamps for GLS, > 50V AC rms or < 120V dc Safety
- LED Lifetime Prediction
- OLED Panels for General Lighting Safety
- OLED Panes for General Lighting Performance
- Performance of LED Components
- II. SC34C Standards Work Overview
 - 1. Standards Under Development/Review/Revision
 - IEC 61347-2-8 Control Gear for LED Modules Safety
 - IEC 62384 Control Gear for LED Modules Performance
 - IEC XXXXX Draft LED Performance Luminaire PAS
 - IEC 61347-2-XX Control Gear for Induction Lamps Safety
 - 2. New Project
 - IEC 62442-1 Energy Performance of Lamp Control Gear
 Part 1: Control Gear for Fluorescent Lamps Method of measurement to determine energy consumption of ballast-lamp circuits and efficiency of Control Gear
 - IEC 62442-2 Energy Performance of Lamp Control Gear for HID Lamps (excluding Fluorescent lamps) – Method of measurement to determine the efficiency of the Control Gear
 - IEC 62442-3 Control Gear for LED Modules and Low Voltage Halogen Lamps Method of measurements to determine efficiency of the central gear
- III. SC34D Standards Work Overview
 - 1. Standards Under Development/Review/Revision
 - IEC 60598-2-20 Lighting Chains (includes LED)
 - IEC 60598-2-21 Sealed Lighting Chains (Rope Lighting) (includes LED)
 - IEC 62722-2-1 PAS: LED Luminaire Performance
- IV. LED Terms and Definitions

Comments and Proposals by National Committees on the Committee Draft of this Technical Specification under document 34/160/DC was reviewed but was not completed due to lack of time. Review of comments/proposal will continue next meeting.

Actions to Consider for I, II, III and IV

A tabulated Listing of "Standards of High Interest" could be made available to *lites.asia* members showing:

1. Current Published Standards

- 2. Standards under development/review/revision showing where they are in the standard development process stages and the estimated date of publication
- 3. Standards under New Work Proposals

This will be a great help to *lites.asia* countries to establish a Roadmap (ex. LED Roadmap) and for their corresponding Regulatory Bodies to plan for capacity and competence required for an effective Conformity Assessment actions.

V. CFL Integrated Ballast Performance Standard – Inclusion of Specified/Minimum levels for Performance in IEC 60969

The proposal was made during the Auckland PRESCO Meeting. However after some discussion the proposal was not accepted. It was suggested that a Technical Specification could be an alternative.

Actions to Consider for V

- Submit a new work proposal for a Technical Specification. Come up with a Draft Document and solicit support from National Committees. This could be a topic of the Next *lites.asia* Meeting.
- 2. Pursue if time permit the inclusion of the proposal in IEC 60969 by exploring the possibility of bringing the issue to the Standard Management Board (SMB). TC 34 reports to the SMB.

In SMB there is a Strategy Group 1 (SG1) that formulates and makes recommendations regarding the work of the Technical Committees along the subject of Energy Efficiency and Renewable Resources. SG1 had previously recommended to SMB certain activities for TC 34 among which are as follows:

- a. To develop energy saving calculation standard or guidelines for lighting
- b. To improve standards by adding energy efficiency test to check the minimum efficiency levels established by law in National Regulations

There are SG1 members from our Region such as Australia (Mr. Mark Amos), China (Mr. Chen Weisheng and Mr. Jia Zhu), Korea (Mr. Jun Young Choi), and Japan (Mr. Atsushi Takakuwa)

To consider therefore communications/consultation with SG1 of SMB on the issue of specified/minimum levels for Performance Parameters in IEC 60969 and on future issues of *lites.asia* on Energy Efficiency and related subjects.

- VI. Other Actions to Consider
 - 1. Identify LED Standards under development which are of high interest to *lites.asia* and establish corresponding positions translating them to comments and proposals. Seek

National Committee (NC) feedback/buy-in/agreement to comment on such standards during the prescribed commenting period.

2. Continue to communicate with NC TC34 Mirror Committees directly or through their representative to *lites.asia*. Identify and include them in the *lites.asia* "mailing list".

Roberto C. Cristobal Philippines April 12, 2012