IEC LED LIGHTING STANDARDS

AVAILABILITY

TC34 Milan Panel Meetings, January 2013
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- INTRODUCTION

- IEC PUBLISHED LED LIGHTING STANDARDS

- IEC LED LIGHTING STANDARDS UNDER DEVELOPMENT

- IEC TC34 WORKING DOCUMENT CODE
INTRODUCTION

This report is intended to provide the latest information on what IEC LED Lighting Standards (Lamps, Caps & Holders, Control Gears & Luminaires) are already published and those that are under development. This information should assist Countries and or Regulators and other Stakeholders to establish their LED Lighting Implementation Roadmaps based on International Standards and Technical Specifications with the view of enhancing gains from existing lighting energy efficiency programs or initiatives.
**IEC PUBLISHED LED LIGHTING STANDARD**

**A) LAMPS**

1) IEC 62031 LED Modules for General Lighting – Safety Specifications  
   - Amendment 1, Edition 1.0, 2012-10-30  
   - Stability Date, 2015

2) IEC / TS 62504 General Lighting – LED’s and LED Modules, Terms & Definitions.  
   - Edition 1.0 (2011-03-29)  
   - Stability Date, 2013

3) IEC 62560 Self-ballasted LED Lamps for GLS > 50V, Safety Specifications  
   - Edition 1.0 (2012-02-10)  
   - Stability Date, 2014

4) IEC / PAS 62612 Self-ballasted LED Lamps for GLS, Performance Requirements  
   - Edition 1.0 (2009-06-10)  
   - Stability Date, 2012

5) IEC / PAS 62707-1 LED Binning – Part 1 General Requirements and White Grid  
   - Edition 1.0 (2011-03-08)  
   - Stability Date, 2013
6) IEC / PAS 62717 LED Modules for General Lighting – Performance Specifications
   - Edition 1.0  (2011-04-28)
   - Stability Date, 2014

B) CAPS and HOLDERS

7) IEC 60838-2-2 Miscellaneous Lampholders - Part 2-2 Particular Requirements-
   connectors for LED Modules.
   - Amendment 1, Edition 1.0, (2012-03-27)
   - Stability Date, 2015

C) CONTROL GEAR

8) IEC 61347-2-13, Lamps Control Gear Part 2-13: Particular Requirements for
   dc or ac supplied Control Gear for LED Modules.
   - Edition 1.0  (2006-05-05)
   - Stability Date, 2011
9) IEC 62384  DC or AC Supplied Electronic Gear for LED Modules- Performance Requirements
   - Edition 1.0 (2011-03-30)
   - Stability Date, 2012

10) IEC 62386-207 Digital Addressable Lighting Interface Part 207: Particular Requirements for Control Gear - LED Modules (device type 6)
    - Edition 1.0
    - Stability Date, 2012

D) LUMINAIRES

    - Edition 1.0 (2011-06-22)
    - Stability Date, 2014
IEC LED LIGHTING STANDARDS UNDER DEVELOPMENT

A) LAMPS

1) IEC 62031 LED Modules for General Lighting – Safety Specifications
   - Status, CCDV
   - Publication Date, 2013 Nov.

2) IEC 62560 Self-ballasted LED Lamps for GLS > 50V – Safety Specifications
   - Status, 1 CD
   - Publication Date, 2014 July

3) IEC 62612 Self-ballasted LED Lamps for GLS > 50V – Performance Specifications
   - Edition 1.0, 2009 May
   - Status, RDIS
   - Publication Date, 2013 July

4) IEC 62633-1 Non-ballasted LED Lamps – Part 1 Safety Specifications
   - Status, CCDV
   - Publication Date, 2013 Oct.
5) IEC 62633-2 Non-ballasted LED Lamps – Performance Specifications
   - Status,          ACDV
   - Publication Date, 2014 June.

6) IEC 62707-1 LED Binning – Part 1 General Requirements and White Grid
   - Status,          CCDV
   - Publication Date, 2013 September

7) IEC 62717 LED Modules for General Lighting – Performance Specifications
   - Edition 1.0       2011 April
   - Status,          ACDV
   - Publication Date, 2014 April

8) IEC 62776 Double-Capped LED Lamps for GLS – Safety Specifications
   - Status,          CCDV
   - Publication Date, 2014 April

9) IEC 62838 Self-ballasted LED Lamps for GLS < 50V ac rms or 120 ripple free d.c.
   - Status ANW
   - Publication Date, 2014 Dec.
10) PNW 34A-1604 Organic Light Emitting Diode Panels for GL- Safety Requirements
   - Status   PNW
   - Publication Date,  

11) PNW / TS 34A, Principal Component Reliability Testing for LED-based Products
    - Status, PNW
    - Publication Date,  

B) CAPS and HOLDERS

    - Edition 1.0        2012 November
    - Status   PNW
    - Publication Date, 2015 November

C) CONTROL GEAR

13) IEC 61347-2-13 Particular Requirements for D.C or A.C Supplied Control Gear for LED Modules.
    - Edition 2.0        2011 March
    - Status   ADIS
    - Publication Date, 2013 July
   - Edition 1.0  2012 March
   - Status       ADIS
   - Publication Date, 2013 September

D) LUMINAIRES

15) IEC 60598-2-20 Luminaires Part 2-20 Particular Requirements- Lighting Chains
    - Edition 4.0  2012 July
    - Status       CDM
    - Publication Date, 2016 Jan.

16) IEC 60598-2-21 Luminaires Part 2-21 Particular Requirements- Rope Light
    - Edition 1.0  2012 Nov.
    - Status       ANW
    - Publication Date, __________

17) IEC 62722-2-1 Luminaire Part 2-1 Particular Requirements for LED Luminaire
    - Edition 1.0  2011 June
    - Status       ACDV
    - Publication Date, 2014 July
- IEC TC34 WORKING DOCUMENTS CODE

1) PNW - Proposed New Work
2) ANW - Approved New Work Proposal
3) CDM - Committee Draft to be discussed at Meeting
4) 1 CD - 1st Committee Draft
5) CCDV - Draft Circulated as Committee Draft with Vote
6) ACDV - Draft Approved for Committee Draft with Vote
7) RDIS - Text for FDIS Received & Registered
8) FDIS - Final Draft International Standard
9) ADIS - Approved for FDIS Circulation