



Terms of References

Issue 1.0 2020

Connected Lighting Technical Committee

Connected Lighting Technical Committee

Category: Technical

Purpose: This document describes the terms of reference for the LIA Connected Lighting Technical Committee

Current issue: 1.0

Issue date: 31st July 2020

Revision History

Issue	Date	Amendments	Author	Approval
1.0	31/07/20	First Issue	CL TC	CL TC



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Connected Lighting Technical Committee

1.0 Introduction

Purpose

This document describes the LIA Connected Lighting Technical Committee (CL TC) structure, procedures and Terms of references

Scope

This document covers the operation of the LIA Connected Lighting Technical Committee.

Delegation of Authority

The CL TC was established by the LIA Technical Board. It is a permanent committee with recommending powers.

Links to other procedures

QP5.8 – Technical Board & Committees

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2.0 Mandate

- a) Develop and sustain the CL TC plan for the LIA and approval of the Technical Board. In order to accomplish its activities, the committee will
 - i. Collect related information from any industry with regards to the topics identified by the group as required.
 - ii. Coordinate all activities within the group in order to deliver the agreed outcomes.
- b) Develop and recommend technical positions with relations to Connected Lighting within regulations, standards and industry papers.
- c) Develop LIA guidance documents within the context of Connected Lighting.
- d) Create ad hoc task forces to efficiently address specific activities.
- e) Provide a report to the LIA Technical Board at each meeting of the latter.
- f) Provide an update at the LIA Technical Forum
- g) Coordinate with other relevant groups in relations to Connected Lighting

3.0 Specific topics Identified

- **Technology (not an exhaustive list)**
 - Digital Addressable Lighting Interface
 - DALI-2
 - D4i
 - Zhaga
 - WIFI
 - Bluetooth
 - Zigbee
 - Openthread
 - NB IoT (Narrow band)

Terms of References

➤ Regulations, Standards and Codes of Practice

- **Security and privacy**
 - Cybersecurity standards and GDPR
 - Best practices
 - Certification Vs. Compliance Vs. Compatibility

- **Smart Building**
 - BREEAM
 - WELL
 - EPBD
 - SRI
 - Digital twin

➤ Hardware

- Circular Economy: replaceable components, re-usability, recycling
- Interoperability

➤ How COVID19 impact working practices and the use of technologies?

- Remote configuration and fault finding
- Consider personal zones in offices
- Controls with UVC devices

3.1 Liaisons Identified

- **ILP** (smart city) – Kevin Stubbs, Llumarlite
- **SLI/CIBSE** – Kevin Stubbs, Llumarlite
- **ZVEI** – Krish Govinden, LIA
- **NARM** – Krish Govinden, LIA
- **BSI** – David Mudd, BSI