

PRE-COMPLIANCE ASSESSMENT

1. What is the pre-compliance assessment?

Pre-compliance is a limited assessment performed by LIA Laboratory prior to full accredited (UKAS/CB) testing. Pre-compliance assessment can also be requested when full testing is not required if you would like to perform a limited assessment on a product as a “sanity check”.

The purpose of the assessment is to review paperwork, such as certificates and instructions, as well as to perform a limited visual assessment of the product to give our customer confidence in the basic construction of their product prior to testing submission.

Note: Pre-compliance assessment is not a statement of compliance to the standards assessed and is not a UKAS accredited assessment.

2. Why perform pre-compliance?

Pre-compliance assessment can be used to either identify any non-compliance issues prior to submitting for test, or to give you confidence that there should not be any major issues during the full test. Pre-compliance helps your product to go through the testing process faster as several the checks and reviews have already been performed prior to formal UKAS testing beginning which allows us to start certain tests such as endurance earlier in the test schedule.

One of the major requirements for safety testing to IEC/EN standards is that critical components of a product (LED driver, LED module, lampholder, terminal block ect) comply with their own IEC/EN standard. During pre-compliance assessment all documents and certificates are reviewed to confirm suitability of your product's components.

Pre-compliance also assess the instructions, marking and basic construction (visual assessment only) of the product. After this assessment you will receive a limited report which indicates any possible areas where a non-compliance may arise in testing. The purpose of the pre-compliance is to allow customers to correct issues prior to submitting for a full test which will help the project pass full testing faster.

3. What do I get?

When your pre-compliance assessment is complete you will receive a limited report which outlines the testing performed and any non-compliances raised.

Products which have passed pre-compliance will also start testing earlier, as we have already assessed the product and are able to begin the endurance testing while the initial assessments of the full accredited tests are performed.

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4. Assessment Specification – Luminaires

Table 1.

Luminaires (LED Lighting, non-LED lighting)	
IEC 60598-1:2020 Clause	Clause Title
0.5.1	Components of Luminaires
3.2	Marking on Luminaires
3.3	Additional Information
4.3	Wireways
4.7.2	Terminals and Supply Connections
4.9.1	Insulating Linings and Sleeves
4.10.1, 4.10.2, 4.10.3	Double and Reinforced Insulation
4.25	Mechanical Hazard
5.2.2, 5.2.8, 5.2.10	Supply Connection and Other External Wiring
5.3.1, 5.3.2, 5.3.3, 5.3.5	Internal Wiring
7.2.4, 7.2.6, 7.2.11	Provision For Earthing
8.2.1	Protection Against Electric Shock

Note: The test specification may differ from Table 1 As the assessment is performed

Additional Information

- The testing outlined above is a limited visual assessment only
- After issue of the pre-compliance findings report the job will be closed until full testing quote has been agreed and signed
- Non-compliances raised during the pre-compliance assessment cannot be closed until the full testing request has been started

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5. Assessment Specification – Control Gear

Table 2.

Control Gear (LED control gear, non-LED control gear)	
IEC 61347:2015+A1:2021 Clause	Clause Title
7.1	Marking
10.1, 10.3	Protection against accidental contact with live parts (Inspection only)

Note: The test specification may differ from Table 2 as the assessment is performed

Additional Information

- The testing outlined above is a limited visual assessment only
- After issue of the pre-compliance findings report the job will be closed until full testing quote has been agreed and signed
- Non-compliances raised during the pre-compliance assessment cannot be closed until the full testing request has been started

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6. Assessment Specification – LED Lamps

Table 3.

LED Lamps	
IEC 62560:2012+A11:2019 Clause	Clause Title
5.1, 5.2	Marking
7.1	Protection against accidental contact with live parts
7.2.1	Fixing of conductors (Inspection only)

Note: The test specification may differ from Table 3 where applicable

Additional Information

- The testing outlined above is a limited visual assessment only
- After issue of the pre-compliance findings report the job will be closed until full testing quote has been agreed and signed
- Non-compliances raised during the pre-compliance assessment cannot be closed until the full testing request has been started