

Pre Shipment Inspection Report

Recessed LED downlight | Fictional demonstration report

FICTIONAL SAMPLE

This document demonstrates the intended TDA report format. All names, results, photographs and product data are fictional.

REPORT REFERENCE	TDA-SAMPLE-PSI-001
INSPECTION DATE	18 August 2026
INSPECTION LOCATION	Chonburi, Thailand
PRODUCT	10 W recessed LED downlight
CLIENT	Sample Importer Limited
FACTORY	Example Lighting Manufacturing Co., Ltd.



OVERALL RESULT	FAIL
Recommended client response	Hold shipment and final payment until the identified issues are resolved and evidence is reviewed.

Documentation	FAIL	Quantity	PASS	Workmanship	FAIL
Dimensions	PASS	Basic function	FAIL	Packaging	PASS

Key findings

- The product label identifies model TDA-DL10-V2, while the draft SDoC and supporting test report identify TDA-DL10-V1.
- Six major defective units were found in the sample of 80. The rejection point was six.
- Three units flickered during the basic function check and three units had loose or bent spring clips.
- Seven minor defects were recorded, which was the acceptance limit for this illustrative sampling plan.

1. Assignment Scope and Sampling

The inspection is limited to the agreed criteria, documents and sample available at the stated time and place.

Scope item	Agreed check
Quantity and production status	Compare order quantity with finished, packed and available stock.
Product identity	Compare model, rating information and appearance with the purchase order, specification and supplied documents.
Workmanship	Inspect randomly selected units for visible finish, assembly, cable and spring clip defects.
Dimensions	Measure trim diameter, cutout requirement, overall height and cable length against the agreed specification.
Basic function	Perform a controlled illumination check. This is not laboratory safety or compliance testing.
Packaging and labelling	Check unit protection, retail cartons, shipping marks and product label consistency.

Illustrative product specification

Field	Agreed specification	Inspected marking or observation
Model	TDA-DL10-V2	TDA-DL10-V2
Supply	220 to 240 V AC, 50 Hz	230 V AC, 50 Hz
Rated power	10 W	10 W
Light output	3000 K warm white, dimmable	Label states 3000 K and dimmable
Trim and cutout	110 mm trim, 90 mm cutout	Within measured tolerance
Construction	White trim, separate driver, two spring clips	Matches visual specification
Front rating	IP44 as stated by supplier	Marking observed only, not tested

Selected sampling method

Lot size	Inspection level	Sample	Critical	Major	Minor
1,000 units	General Level II	80 units	AQL 0 Ac 0 / Re 1	AQL 2.5 Ac 5 / Re 6	AQL 4.0 Ac 7 / Re 8

This fictional example uses formal acceptance sampling. TDA may instead use a client agreed targeted sample where the scope does not call for AQL. The selected method and decision rules must be recorded in the accepted inspection scope before attendance.

Pass or Fail rule	Overall Fail applies if any critical defect is found, a major or minor rejection point is reached, or a mandatory client checkpoint fails. The client retains the final commercial decision.
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Sampling does not guarantee that every unit in the lot is free from defects. Results relate only to the sample and checks completed.

2. Compliance Documents and Labelling

Document consistency is checked before and during the factory visit. TDA does not issue the SDoC or certify regulatory compliance.

Document or checkpoint	Evidence reviewed	Result	Finding
Draft Supplier Declaration of Conformity	Draft supplied by sample importer	FAIL	References TDA-DL10-V1. Inspected production is marked TDA-DL10-V2.
Supporting test report	Report number EX-240318, model TDA-DL10-V1	FAIL	Exact production model is not identified in the supplied report.
Purchase order	PO SAMPLE-1048	PASS	Model, quantity and commercial specification identify TDA-DL10-V2.
Product specification	Revision 2 dated 6 August 2026	PASS	Visual construction and measured dimensions align with the specification.
Approved physical sample	Not provided	N/A	The inspection was completed against the written specification and artwork.
Product label artwork	Artwork revision 2	PASS	Inspected label shows V2, consistent with artwork but inconsistent with SDoC evidence.
Retail carton artwork	Artwork revision 2	PASS	Model, ratings and importer placeholder match supplied artwork.

DOCUMENT CHECK RESULT	FAIL
Reason	The exact production model is not covered by the draft SDoC and supporting test report provided for review.
Required before shipment	The client should obtain competent confirmation that the supporting evidence applies to the exact production model, then prepare or update the SDoC as required before the product is offered for sale in New Zealand.

TDA document review boundary

Trade Direct Asia records the documents made available and checks whether observable model numbers, ratings, labels and product details appear consistent. This service does not validate laboratory competence, test methods or legal sufficiency, and does not constitute product approval or certification.

New Zealand reference	WorkSafe states that declared medium risk articles require a valid SDoC supported by appropriate evidence before they are offered for sale or supplied. The New Zealand importer remains responsible for meeting those duties.
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Reference links: [worksafe.govt.nz](https://www.worksafe.govt.nz) supplier declaration of conformity guidance and lighting electrical appliances and accessories guidance. This report is not legal or regulatory advice.

3. Quantity, Production Status and Packaging

Quantities were observed at the inspection location and compared with the documents made available.

Item	Ordered	Produced	Packed	Available	Inspected
TDA-DL10-V2 recessed downlight	1,000	1,000	960	1,000	80

Checkpoint	Sample or evidence	Result	Observation
Random carton selection	16 outer cartons	PASS	Cartons were selected across the accessible packed stock.
Unit count	80 inspected units	PASS	Eight units per outer carton and one unit per retail carton.
Unit protection	80 units	PASS	Downlight, driver and cable were separated by internal card dividers.
Retail cartons	80 cartons	PASS	Two crushed corners were recorded as minor defects. Product damage was not observed.
Shipping marks	16 outer cartons	PASS	Model V2, quantity and destination marks matched the purchase order.
Carton condition	16 outer cartons	PASS	No wet, torn or structurally collapsed outer cartons were observed.



Photo 1. Packed retail cartons available for inspection.



Photo 2. Random carton selection from accessible stock.



Photo 3. Finished units packed with internal separation.

SECTION RESULT

PASS

Quantity was available and the packaging rejection point was not reached. Document mismatch is recorded separately.

4. Workmanship and Defect Classification

Defect counts in this fictional example represent unique defective units within the sample of 80.

Classification	Finding	Units	Acceptance	Result
Critical	No critical defect observed	0	Ac 0 / Re 1	PASS
Major	Intermittent flicker during basic function check	3	Combined major defects	FAIL
Major	Loose or bent spring clip affecting secure installation	3	Ac 5 / Re 6	FAIL
Minor	Scratched or uneven white trim finish	5	Combined minor defects	PASS
Minor	Crushed retail carton corner without observed product damage	2	Ac 7 / Re 8	PASS

Sampling decision

Defect class	Found	Accept	Reject	Decision
Critical	0	0	1	PASS
Major	6	5	6	FAIL
Minor	7	7	8	PASS



Photo 4. Example minor scratches in the white trim finish.



Photo 5. Example loose or bent spring clip classified as major.



Photo 6. Example crushed retail carton corner classified as minor.

WORKMANSHIP RESULT

FAIL

Six major defective units were recorded. This reaches the major defect rejection point.

5. Dimensions and Basic Function

Measurements and function checks were completed against the client supplied specification. No electrical safety or compliance laboratory testing was performed.

Checkpoint	Specification	Sample	Observed range	Result
Trim diameter	110 mm +/- 2 mm	10 units	109.4 to 110.7 mm	PASS
Required ceiling cutout	90 mm +/- 2 mm	10 units	89.8 to 90.6 mm	PASS
Overall product height	Maximum 44 mm	10 units	43.1 to 43.8 mm	PASS
Driver lead length	Minimum 250 mm	10 units	251 to 258 mm	PASS

Function check	Method	Sample	Finding	Result
Basic illumination	Controlled energisation at rated supply using factory test equipment	80 units	77 stable and 3 intermittent flicker	FAIL
Short duration operation	Five minute observation	20 units	Three flickering units identified during the wider check	FAIL
Basic dimming response	Factory demonstration using stated compatible control	5 units	Smooth response observed within the limited check	PASS
Unusual audible noise	Close observation during operation	5 units	No unusual noise observed	PASS



Photo 7. Example trim diameter measurement using a digital caliper.

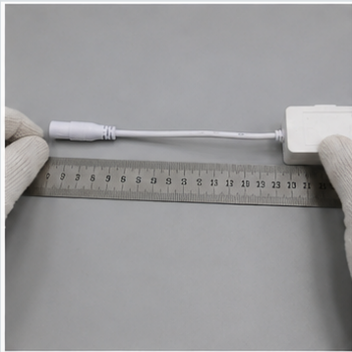


Photo 8. Example metric measurement of the driver lead.



Photo 9. Example controlled basic illumination check.

TEST LIMITATION

The function check records observable operation only. It does not verify electrical safety, EMC, photometric performance, IP rating, thermal performance, dimmer compatibility across all controls or compliance with a standard.

6. Consolidated Findings and Recommended Action

The findings support the client's decision. TDA does not authorise, approve or reject the shipment on the client's behalf.

Priority	Finding	Recommended supplier response	Close out evidence
1	Model mismatch between inspected V2 production and V1 compliance documents	Confirm the exact model and obtain competent compliance evidence that applies to the production version.	Corrected document set reviewed against product labels and ratings.
2	Three units flickered during the basic function check	Identify the cause, segregate affected stock and complete a documented full lot function screen.	Supplier screening record plus replacement or repair evidence.
3	Three units had loose or bent spring clips	Correct assembly process and complete a full lot clip retention check.	Photographic evidence and reinspection sample.
4	Five scratched trims and two crushed retail cartons	Replace affected units or packaging and improve handling controls.	Replacement evidence and packaging photographs.

Recommended close out process

1	Supplier correction	Supplier segregates, repairs or replaces affected stock and resolves the document mismatch.
2	Evidence review	Client and TDA review photographs, screening records and corrected documents.
3	Reinspection	A new sample is checked where the client requires independent confirmation of corrective work.
4	Client decision	The client decides whether to accept, reject, rework or ship the order.

TDA RECOMMENDATION	HOLD SHIPMENT
Basis	The supporting documents do not identify the inspected model and the major defect rejection point was reached.
Final authority	The client remains responsible for the purchasing, payment and shipment decision.

7. Report Declaration and Limitations

This page demonstrates the closing information that would appear in a completed TDA inspection report.

SAMPLE STATUS	This is a fictional example created to demonstrate report structure. It is not evidence of completed client work and must not be used to represent an actual inspection.
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Limitation	Application
Time and place	Findings reflect only the observations made at the stated location and inspection time.
Sampling	The inspected sample may not identify every defect in the production lot.
Hidden defects	The inspection may not identify concealed defects or failures that develop after inspection.
Compliance	TDA does not certify or approve regulatory compliance, issue an SDoC or replace accredited laboratory testing.
Document review	Document checks are limited to the information supplied and observable consistency with the inspected product.
Basic function	Factory function checks are limited observations and do not establish electrical safety, EMC, durability or full performance.
Supplier statements	Information supplied by the factory is recorded where relevant but is not guaranteed by TDA.
Client decision	The client remains responsible for approving payment, corrective work, shipment, importation and sale.

REPORT PREPARATION	Prepared by Trade Direct Asia Limited as a fictional demonstration for private review.
INSPECTOR	TDA Inspector 01 - fictional identifier
REPORT STATUS	Sample template for owner review
CLIENT ACKNOWLEDGEMENT	Not applicable to this fictional sample



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