

This commissioning test sheet covers the replacement of luminaires, or removable PE cells in power pole streetlights.

**NOTE:** This sheet is ideally used for replacement of the luminaire or PE Cell of minor or major road streetlights on distribution power poles.  
**SAFETY:** At all times maintain suitable clearance to all other electrical equipment and verify planned escape routes and fire risks.

<b>DATE:</b>		<b>Work order No.</b>		<b>Name of Officer</b>	
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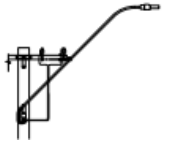
**1. LOCATION OF THE STREETLIGHTS (lot number, road name and pole pick ID)**

A:		F:	
B:		G:	
C:		H:	
D:		I:	
E:		J:	

**2. SAFETY CHECKS**

**Ensure no person makes contact with the power pole or temporary earth electrode while the testing procedures are being undertaken.**

DESCRIPTION		A	B	C	D	E	F	G	H	I	J
<i>(The following tests do not apply to wood pole)</i>											
1	Install a temporary earth stake (independent earth) more than 2 metres from distribution pole, <ul style="list-style-type: none"> <li>ensuring no underground services are within the vicinity of the temporary earth stake,</li> <li>to a minimum depth of 300 mm up to a maximum of 600 mm.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	As a safety touch test, test between the distribution pole and the temporary earth stake using standards multi-meter. Testing is to cease if a voltage greater than 6 V is measured, the source of voltage should be investigated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Isolate the streetlight supply by removing the fuse, check the correct fuse size (10A).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Replace the existing Luminaire with the new unit, terminate the pre-wired streetlight cable, check for correct termination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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**3. REINSTATEMENT OF FUSES**

DESCRIPTION		A	B	C	D	E	F	G	H	I	J
1	Install the 10A fuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Confirm the operation of the streetlight luminaire.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	As a safety touch test, test between the steel pole and the temporary earth stake. Testing is to cease if a voltage greater than 6 V is measured, the source of voltage should be investigated. Note – test to be done while luminaire is on.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Ensure everything is secure and safe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Remove temporary earth stake.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4. OPERATIONAL HANDOVER**

The commissioning officer must ensure that all checks are completed and the test results comply with the minimum standards.

I hereby certify that all sections have been completed with satisfactory results and transfer responsibility to the network operating authority. This equipment is ready to be **SAFELY** energised.

Commissioning Officer: \_\_\_\_\_ Pay Number: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: DD/MM/YY Time: HH:MM

1. Ensure the work area is left tidy with no hazards to the public.
2. Hand over responsibility to the operating authority
3. Return this sheet to the project/working file as a record of commissioning and as a document required for the Handover Certificate.

**IMPORTANT: PLEASE SEND THIS SHEET TO THE RELEVANT ASSET MANAGER**