

## T e s t R e p o r t

**Report No** : L15804A

**Client:** : Penhale Quantock Ltd  
Units 13-15 Roughmoor Enterprise Centre  
Roughmoor Tradig Estate  
Williton  
Somerset  
TA4 4AT

**Description** : Eclipse Cast

**Manufacturer** : Not Disclosed

**Type/Model** : PHEC001G

**Test Specification** : Impact testing to BS EN 62262: 2002 (clause 6 only) and using test apparatus as described in BS EN 60068-2-75:1997

**Date Testing Started** : 17/05/2016

**Conclusion** : The sample tested complied with the test specification – IK10 (20 joules)

**Date of Issue** : 08/06/2016

**Date of Expiry** : 07/06/2021

**Tested by:** **A.BROTHWOOD**  
**Position:** Laboratory Engineer



1286

**Approved:** **J.ADAMS**  
**Position:** Certification &  
Accreditation Officer



## **INTRODUCTION**

Penhale Quantock Ltd have supplied the product identified in Table 1. for IK testing (impact force tests) in accordance with the specification detailed on page one of this report.

## **PRODUCT DETAILS**

**Table 1. Test Sample Details**

Product Description	Eclipse Cast
Model No.	PHEC001G
Number of Samples	One
Condition on Receipt	Good
Nominal Dimensions	Ø400mm x 100mm
Classification	Class IK10
Product Supply Requirement	240V 50Hz
Lamp Type and Power	15W
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

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## **RESULTS**

Clause            Clause Title and Results

**6.            Test to verify the protection against mechanical impacts-IK10 at an impact energy of 20J**

The luminaire (3 impacts to front face and 3 impacts to side face) was subjected to 6 impacts with the pendulum impact hammer at different points of each face of the product at an impact energy of 20J (IK10).

**Plastic Body and plastic lens of luminaire.**

After the impact test neither the plastic body or the plastic lens of the luminaire showed any visible signs of damage, and the impacts applied did not affect creepage and clearance distances, IP rating or protection against electric shock.

The sample is therefore deemed to comply with the test specification as stated on page 1 of this report (IK10).

**No other tests were performed on the submitted sample.**

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**DEVIATION(S) FROM TEST STANDARD**

No reported deviations from test standard.

**ILLUSTRATION**

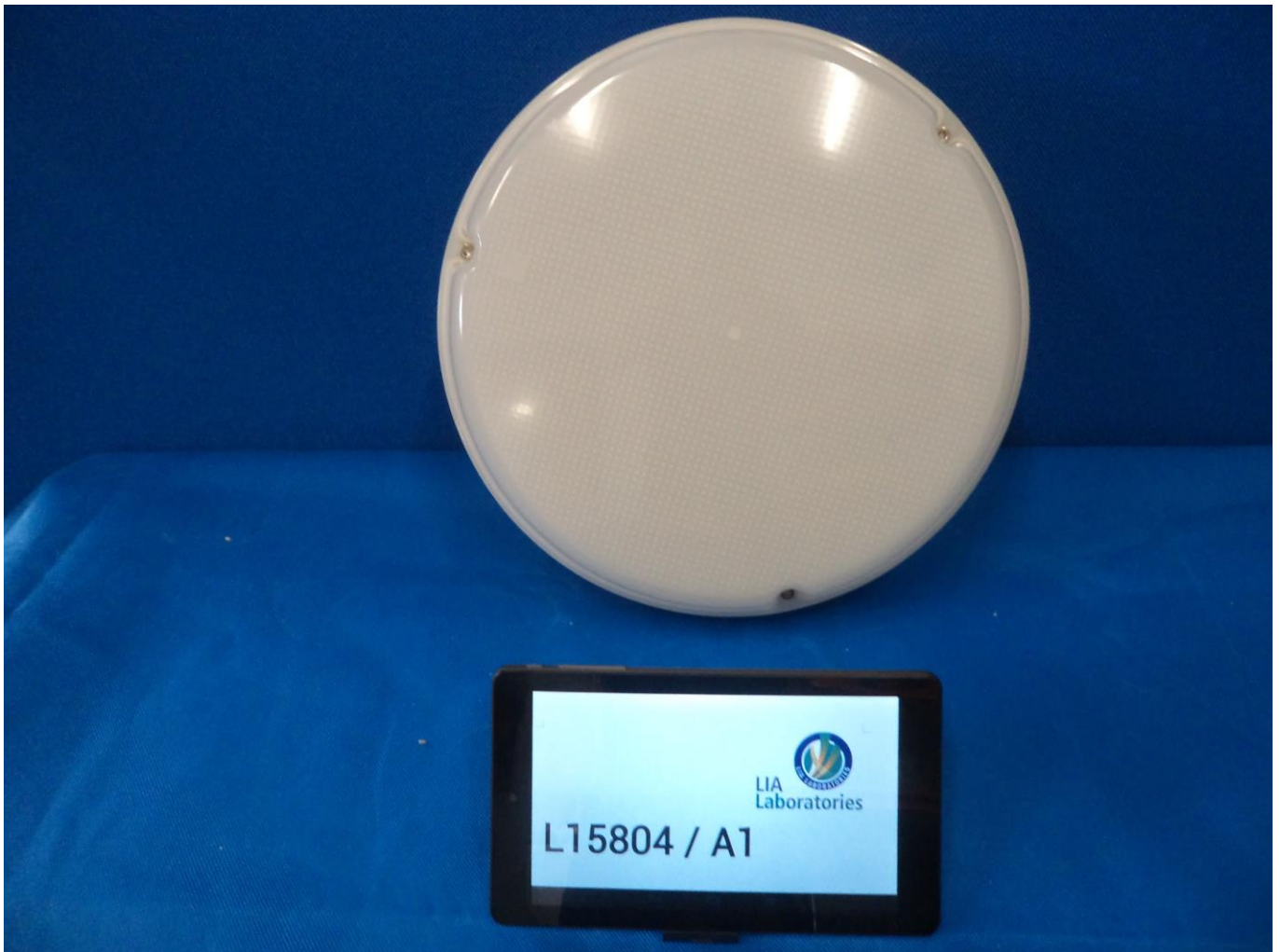


Figure 1. *Product image*

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End