

T e s t R e p o r t

Report No : L16474A Amd 1

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

Description : Handrail LED Luminaire

Manufacturer : Not Disclosed

Type/Model : FL-C42-L

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 : 31/05/2017

Conclusion : The sample tested passed the test specification – IK09 (10 joules)

Date of Issue : 22/08/2017

Date of Expiry : 21/08/2022

Tested by: A.BOROVY
Position: Laboratory Engineer



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Approved: A.SANGI
Position: Technical Lead –
Product Safety



Note: The amendment is to correct the conclusion shown on Page 1.

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	Handrail LED Luminaire
Model No.	FL-C42-L
Number of Samples	One
Condition on Receipt	Good
Nominal Dimensions	L700mm x W430mm
Classification	Class II IK09
Product Supply Requirement	24V DC 200mA
Lamp Type and Power	4.8W LED
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

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RESULTS

<u>Clause</u>	<u>Clause Title and Results</u>
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6.	Test to verify the protection against mechanical impacts-IK09 at an impact energy of 10J
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The luminaire metal enclosure and plastic cover was subjected to 3 impacts with the pendulum impact hammer at different points of each face of the product at an impact energy of 10J (IK09).

After the impact test the metal enclosure showed dents after the test and the plastic cover of the luminaire showed no 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 (IK09).

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*

End