Test Report

Report No.	:	PS00699 B1 (IK08)
Client	:	JCC Lighting Products Ltd Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex PO20 2FT, United Kingdom
Description	:	ToughFlood Pro Commercial 200W IP65 4000K
Manufacturer	:	JCC Lighting products Ltd
Type/Model	:	JC050013
Test Specification	:	Impact testing to BS EN 62262: 2008+A1:2022 (clause 6 only) used in conjunction with IEC/TR 62696:2011 and using test apparatus as described in BS EN 60068-2-75:2014
Date(s) of Testing	:	13/03/2026 – 13/03/2026
Conclusion	:	Refer to body of report
Date of Issue	:	17/03/2026

Tested by: **Vinnie Webster**
Position: Trainee Laboratory Engineer

Signed by:
F9734C5B8CB5414...

Approved by: **Kieran Merrills**
Position: Certification Manager

Signed by:
86EA3206DE44418...

1286

Registered Office: Stafford Park 7, Telford, Shropshire, TF3 3BQ, United Kingdom
Tel: +44 (0) 1952 290907 **Email:** lab@thelia.org.uk **Web:** www.thelia.org.uk

INTRODUCTION

JCC Lighting products 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	ToughFlood Pro Commercial 200W IP65 4000K
Model No.	C050013
Number of Samples	One
Date of Receipt	16/02/2025
Condition on Receipt	Good
Nominal Dimensions	257.6 x 310.3 x 55.7 mm
Classification	Class IK08
Product Supply Requirement	220-240V, 50/60Hz
Lamp Type and Power	LED module 200W

Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.

Note: The test results relate only to the sample(s) tested. The testing performed is type testing only not a statement on on-going production

* Taking the Laboratory's uncertainty of measurement into account, a decision rule has been applied to the measured values to establish conformity. The decision rule is based on Procedure 1 of IEC Guide 115.

Where the measured value falls above the limit value specified in the test standard, or where a tolerance is specified and the measured value falls above the upper tolerance limit, the result is considered a fail.

Where the measured value falls below the limit value specified in the test standard, or where a tolerance is specified the measured value falls below the upper tolerance limit, if after taking the Laboratory's uncertainty of measurement into account the value falls above the limit and the difference is >50% of the Laboratory's uncertainty, the result is considered a fail.

Where this report is being used as a means of demonstrating conformity to EU Directive 2014/35/EU, and/or UK SI 2016 No. 1101 – The Electrical Equipment (Safety) Regulations 2016, the risk of false acceptance may result in a presumption of conformity where it should not.

Continued on following page

Table 2. ***Additional family variants***

ToughFlood Pro Commercial & Asymmetric					
Model number	Product description	Voltage (V)	Frequency (Hz)	Light source (W)	Dimensions (mm)
JC050010	ToughFlood Pro Commercial	220-240V	50/60Hz	70W	224.6 x 274.9 x 31.9
JC050011				100W	257.6 x 310.3 x 55.7
JC050012				150W	280.6 x 338.8 x 55.7
JC050013				200W	325.6 x 390.83 x 56
JC050014	ToughFlood Pro Asymmetric			70W	224.6 x 274.9 x 31.9
JC050015				100W	257.6 x 310.3 x 55.7
JC050016				150W	280.6 x 338.8 x 55.7
JC050017				200W	325.6 x 390.83 x 56

RESULTS

Clause	Clause Title and Results

6. Test to verify the protection against mechanical impacts-IK08 at an impact energy of 5J

The centre & corner of the front glass of the ToughFlood Pro Commercial was subjected to 3 impacts with the pendulum impact hammer at weakest point of each part of the product at an impact energy of 5J (IK08).

After the impact test neither the centre & corner of the ToughFlood Pro Commercial 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 (IK08) based on the results of clause 6 listed above.

Continued on following page

Registered Office: Stafford Park 7, Telford, Shropshire, TF3 3BQ, United Kingdom
Tel: +44 (0) 1952 290907 **Email:** lab@thelia.org.uk **Web:** www.thelia.org.uk

DEVIATION(S) FROM TEST STANDARD

No reported deviations from test standard.

ILLUSTRATION

Figure 1. ***Product image***

End