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Issue Date: January, 24, 2014
Project No. G101279825
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Report No. 101279825CRT-003

**RENDERED TO
Carmanah Technologies Corporation**

250 Bay Street
Victoria
British Columbia
Canada
V9A 3K5
Standards

International Civil Aviation Organization Annex 14, Volume 1, Aerodrome Design and Operations, Sixth Edition dated July 2013

Purpose: Testing of Battery/ Solar Powered Elevated LED Light
Type: Non-Precision Runway Edge Light
Model(s): A704

Dates of Testing: October 1, 2013 through October 8, 2013

Mike Guy
Associate Engineer
Lighting

Jeremy N. Downs PE
Staff Engineer
Lighting

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Test Plan and Datasheets			
Client	Carmanah Technologies Corporation	Engineer	Mike Guy
Project	G101279825	Reviewer	Jeremy Downs
Product	Solar Power Elevated Light	Model(s)	A704
Standard(s)	ICAO Annex 14, Volume 1, Sixth Edition dated, July 2013		

Standard	Test name	Clause	Pass Fail NA
Annex 14	Photometry	5.3.9.9	Pass
Annex 14	Chromaticity	figure A1-1	Pass

Test Verification of Conformity

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

Applicant Name & Address	: Carmanah Technologies Corporation 250 Bay Street Victoria British Columbia Canada V9A 3K5
Product(s) Tested	: Solar Powered Non – Precision Runway Edge Light
Ratings and principal characteristics	: White LED fixture Tested while operating on battery power.
Model(s)	: A704-H
Brand name	: Carmanah
Relevant Standard(s)/Specification(s)	: International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume 1, Sixth Edition, dated July 2013. Photometric – Annex 14, par. 5.3.9.9 Chromaticity - Annex 14, fig. A1-1 Transport Canada TP-312E Aerodrome Standards and Recommended Practices 4 th Edition – March 1993 (revised 03/2005) Photometric – 5.3.10.13
Verification Issuing Office Name & Address	: Intertek Cortland – Lighting 3933 US Route 11 Cortland, NY 13045
Date of Test(s)	: October 1, 2013 through October 8, 2013
Verification/Report Number(s)	: Intertek report number 101279825CRT-003.

NOTE : This verification is part of the full test report(s) and should be read in conjunction with it.



Signature

Name: Jeremy N. Downs, P.E.

Position: Staff Engineer

Original Issue Date: January 24, 2013

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