



3933 US Rt 11
Cortland, NY, 13045
www.intertek.com

Issue Date: January 13, 2015
Project No. G101924056
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Contact: Darren Beckwith
Email: dbeckwith@carmanah.com
Phone No (877) 722-8877

Report No. 101924056CRT-004

Carmanah Technologies

10900
Cash Road
STAFFORD
TX
77497

Standards

International Standards and Recommended Practices, ICAO, Aerodromes, Annex 14, Volume 1, 6th Ed., 2013

International Standards and Recommended Practices, ICAO, Aerodromes, Annex 14, Volume 2, 4th Ed., 2013

U.S. Department of Transportation, Federal Aviation Administration, Memorandum, Heliport Perimeter Light for Visual Meteorological Conditions. Engineering Brief No. 87 dated 1/13/2012

U.S. Department of Transportation, Federal Aviation Administration, Memorandum, Light Sources Other Than Incandescent and Xenon For Airport and Obstruction Lighting Fixtures. Engineering Brief No. 67D dated 3/6/2012

Purpose: Photometry and Chromaticity testing
Type: Elevated TLOF Perimeter Light
Test Dates: 13-Jan-2015

V. Svetlichniy
Associate Engineer
Lighting

Jeremy N. Downs PE
Staff Engineer
Lighting

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Test Plan and Datasheets			
Client	Carmanah Technologies	Engineer	V. Svetlichniy
Project	G101924056	Reviewer	Jeremy N. Downs PE
Product	L-860HR / TLOF	Model(s)	A704 TLOF Head
Standard	ICAO Annex 14, Volume 1, 6th Ed., 2013 ICAO Annex 14, Volume 2, 4th Ed., 2013 Engineering Brief No. 87D dated 1/13/2012 Engineering Brief No. 67D dated 3/6/2012		

AC No.	Test name	Clause	Pass Fail NA
87D	Photometric Test - L-860HR	2.0	Pass
67D	Chromaticity Test - L-860HR	2.1.2	Pass
ICAO V2	Photometric Test - TLOF	5.3.9.20	Pass
ICAO V1	Chromaticity Test - TLOF	Appendix 1	Pass