



Date: November 8, 2021

Project: 80070641

Mr. John Hogg
SMART Technologies ULC
3636 Research Road NW
Calgary, AB T2L 1Y1
Canada

Subject: Energy efficiency verification of 86" Signage Display, Family ID: IDS686-3

Marketing model differences:

SBID-6086S-V3	Basic product with light colour bezel
SBID-6286S-V3	SMART IQ functionality & light bezel
SBID-6086S-V3-P	Pro software product with dark colour bezel
SBID-6286S-V3-P	Pro software product w/ IQ and dark bezel
SBID-6086S-V3-PW	Pro software product with light colour bezel
SBID-6286S-V3-PW	Pro software product w/ IQ and light bezel
SBID-6486S-V3-P	SBID-6065S-V3-P without microphones
SBID-6586S-V3-P	SBID-6265S-V3-P without microphones

All marketing models are identical electrically, and have the same IDS686-3 Regulatory Family ID model number. The application software and hardware differences do not affect energy performance testing.

Dear Mr. John Hogg,

We are pleased to inform you that the subject equipment, Family ID: IDS686-3 (marketing model numbers SBID-6086S-V3, SBID-6086S-V3-P, SBID-6086S-V3-PW, SBID-6286S-V3, SBID-6286S-V3-P, SBID-6286S-V3-PW, SBID-6486S-V3-P, SBID-6586S-V3-P) is considered to comply with the applicable US EPA ENERGY STAR®: PROGRAM REQUIREMENTS FOR DISPLAYS: VERSION 8.0.

The subject model will be uploaded to EPA's electronic database as soon as possible.

Please be advised that this letter is not an authorization to use the ENERGY STAR® Mark. Only EPA authorizes the use of the ENERGY STAR® Mark, in accordance with your EPA partner agreement.

A copy of our Verification Record, Verification Report and Profile has been enclosed for your reference.

Yours truly,

A handwritten signature in black ink that reads 'Xong'.

Xong Do
CSA Group
Energy Efficiency Verification Program
178 Rexdale Boulevard
Toronto, ON M9W 1R3, Canada
Phone: (416) 747-4377
xong.do@csagroup.org



Verification Report and Test Results

MASTER CONTRACT: 186960

REPORT: 80070641

PROJECT: 80070641

Edition 1: November 8, 2021; Project 80070641 - Toronto
Prepared By: Xong Do
Authorized By: Dennis Li

Contents: Verification Report and Test Results Pages - 1 to 6
Att1 Test Report Form, Pages - 1 to 76
Att2 Photos and Marking Pages - 1 to 9

PRODUCTS

CLASS 8880 84 – ENERGY EFFICIENCY – Displays - Evaluated to US Requirements

Energy efficiency verification of 86” Signage Displays, Family ID: IDS686-3

Family Model name	Marketing Model #	Tested Model #	Input Ratings	Mode	100 V 50 Hz	100 V 60 Hz	115 V 60 Hz	230 V 50 Hz	Requirement
IDS686-3	SBID-6086S-V3, SBID-6086S-V3-P, SBID-6086S-V3-PW, SBID-6286S-V3, SBID-6286S-V3-P, SBID-6286S-V3-PW, SBID-6486S-V3-P, SBID-6586S-V3-P	SBID-6086S-V3	100-240Vac, 50/60 Hz, 7.7-3.4A	On Mode (P _{ON})	161.1 22W	161.0 58W	160.6 01W	160.4 34W	183.619W Max.
				Sleep Mode (P _{SLEEP})	1.473 W	1.469 W	1.497 W	1.687 W	3.8W Max.
				Off Mode (P _{OFF})	0W	0W	0W	0W	0.5W Max.
				On mode Power Factor	0.993	0.991	0.988	0.916	≥ 0.7

Notes:

1. Products verified by CSA for Energy Performance shall also conform to safety requirements of the regulatory authority and/or local authority having jurisdiction (as applicable).

The reader is responsible for any liability arising from actions taken in interpreting or applying the results presented in this report. This report shall not be reproduced except in full, without written approval from CSA Group Testing & Certification Inc. The results of this report only relate to those items tested.

178 Rexdale Boulevard, Toronto, ON, Canada M9W 1R3
Telephone: 416.747.4000 1.800.463.6727 Fax: 416.747.4149 www.csagroup.org

APPLICABLE REQUIREMENTS

EPA ENERGY STAR® - Program Requirements for Displays, Ver. 8.0

MARKINGS

1. Energy Verification Only

For Canada and US Products (C and US Indicators are Optional): The CSA Mark and the "C" and "US" indicators (below the Mark) along with the associated wording "ENERGY VERIFIED ONLY" are incorporated into the equipment nameplate, or appear on a separate label bearing the Master Contract number "#####" adjacent to the equipment nameplate. The ENERGY STAR® Mark is authorized by the US EPA.

For Canada only Products: The CSA Mark along with the associated wording "ENERGY VERIFIED ONLY" are incorporated into the equipment nameplate, or appear on a separate label bearing the Master Contract number "#####" adjacent to the equipment nameplate.

For US only Products (Optional): The CSA Mark and the "US" indicator (below the Mark) along with the associated wording "ENERGY VERIFIED ONLY" is optional and may be incorporated into the equipment nameplate, or may appear on a separate label bearing the Master Contract number "#####" adjacent to the equipment nameplate. The required ENERGY STAR® Mark is authorized by the US EPA.

Note: Alternatively, serialized Energy Efficiency labels purchased from CSA may be applied to CSA Verified models.

N/A: CSA EEV mark is not applied to this product.

ALTERATIONS

None

Annual Verification Testing (for Energy Star qualified models listed with EPA): (Engineering Use Only)

Off the shelf samples purchased from the point of sale, or samples randomly selected by CSA personal from the manufacturer's warehouse, or off the line (a minimum of 10% of base models) are subjected to the EPA's annual verification testing requirements. Approximately 50% of the base models subjected to verification testing are to be randomly selected and the remaining 50% shall comprise of referrals from EPA. Results of all verification testing are reported by CSA to the US EPA bi-annually. Results indicating non-compliance with manufacturer's ratings are reported by CSA to the US EPA within two business days.

Annual Re-Testing: (Engineering Use Only)

Randomly selected production units (a minimum of 1/3 of listed base models) are subjected to the annual retesting requirements to ensure the consistency of performance ratings of listed models. The annual retesting shall be conducted at the manufacturer's qualified in-house test facility and/or CSA's test facility. Test reports conducted at the manufacturer's qualified in-house testing facility shall be documented and maintained for review by the CSA engineer during the annual surveillance assessment visit.

Follow-Up Inspection: (For Field Service Representatives)

N/A: CSA EEV mark is not applied to this product.

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Date Issued: November 8, 2021

DESCRIPTION

The subject equipment, Family ID No. IDS686-3 was verified for energy efficiency based on test data generated by the following qualified CSA Group test facility:

CSA Group
178 Rexdale Blvd., Toronto, Ontario, M9W 1R3, Canada

Contact: Xong Do, P. Eng
Phone: (416) 747-4377
Email: xong.do@csagroup.org

TEST HISTORY

Edition 1: Project 80070641

The Att1 test data for tested model SBID-6086S-V3 was reviewed and found to be satisfactory and to represent all marketing models SBID-6086S-V3-P, SBID-6086S-V3-PW, SBID-6286S-V3, SBID-6286S-V3-P, SBID-6286S-V3-PW, SBID-6486S-V3-P, SBID-6586S-V3-P.

Report files are stored in Centra, under project number 80070641.

Marketing Model #	Comments
SBID-6086S-V3	Basic product with light colour bezel
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All marketing models are identical electrically, and have the same IDS686-3 Regulatory Family ID model number. The application software and hardware differences do not affect energy performance testing.

---End of Report---