NFRC Product Certification Authorization Report

Manufacturer: Coastal Innovative Products, Inc. dba Lanai Doors
Product Series: Wood Clad Bi-Folding Door
Simulation Lab: SATI
Initial Cert. Date: 08/03/2026

Street: 941 N. Elm Street, Suite C
Product Type: EDSL
Sim. Report #: R4265.01-116-45 R0
Re-Certification Date:

City/State/Zip: Orange, CA 92867
Air Leakage:
Sim. Report Date: 10/16/2025
Revised Date: 01/01/1970

Print Date: 08/03/2026
Test Date: 09/29/2024
Expiration Date: 09/29/2029

CPD Number: CIP-M-4 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00001-00001	"clr (1/2"") 1/2"" IG"	WA/WA	1			N		N		CL	0.72	0.44	0.48	13
	00002-00001	"Starphire (1/2"") 1/2"" IG"	WA/WA	1			N		N		CL	0.71	0.50	0.50	13
	00003-00001	"Solarbronze (1/2"") 1/2"" IG"	WA/WA	1			N		N		BZ	0.71	0.27	0.15	13
	00004-00001	"Solargray (1/2"") 1/2"" IG"	WA/WA	1			N		N		GY	0.71	0.24	0.10	13
	00005-00001	"clr (5/8"") 5/8"" IG"	WA/WA	1			N		N		CL	0.70	0.39	0.45	14
	00006-00001	"Starphire (5/8"") 5/8"" IG"	WA/WA	1			N		N		CL	0.70	0.49	0.50	14
	00007-00001	"lami (1/4""|030PVB|1/4"") 17/32"" IG"	WA/WA	1			N		N		CL	0.71	0.42	0.48	14
	00008-00001	"lami (1/4""|060PVB|1/4"") 9/16"" IG"	WA/WA	1			N		N		CL	0.70	0.42	0.48	15
	00009-00001	"lami (1/4""|090PVB|1/4"") 19/32"" IG"	WA/WA	1			N		N		CL	0.69	0.41	0.48	16
	00010-00001	"lami (1/8""|030PVB|1/8"") 9/32"" IG"	WA/WA	1			N		N		CL	0.73	0.45	0.49	13
	00011-00001	"lami (1/8""|060PVB|1/8""/) 5/16"" IG"	WA/WA	1			N		N		CL	0.71	0.45	0.49	14
	00012-00001	"lami (1/8""|090PVB|1/8""/) 11/32"" IG"	WA/WA	1			N		N		CL	0.70	0.44	0.49	15
	00013-00001	"lami (3/16""|030PVB|3/16""/) 13/32"" IG"	WA/WA	1			N		N		CL	0.71	0.43	0.49	13
	00014-00001	"lami (3/16""|060PVB|3/16""/) 7/16"" IG"	WA/WA	1			N		N		CL	0.70	0.43	0.49	15
	00015-00001	"lami (3/16""|090PVB|3/16""/) 15/32"" IG"	WA/WA	1			N		N		CL	0.69	0.43	0.49	15
	00016-00001	"clr / Arg90 / clr (3/16""/3/16"") 7/8"" IG"	WA/WA	2		0.500	A1-D	Fill 1: ARG (90)	N		CL	0.45	0.43	0.45	39
	00017-00001	"clr / Arg90 / Energy Advantage (3/16""/3/16"") 7/8"" IG"	WA/WA	2	0.158(4)	0.500	A1-D	Fill 1: ARG (90)	N		CL	0.38	0.38	0.41	28
	00018-00001	"SB60 / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.750	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.24	0.41	49
	00019-00001	"SB70 / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.750	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.16	0.35	49
	00020-00001	"SB60 / Arg90 / clr (3/16""/3/16"") 1"" IG"	WA/WA	2	0.035(2)	0.625	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.23	0.40	48
	00021-00001	"SB70 / Arg90 / clr (3/16""/3/16"") 1"" IG"	WA/WA	2	0.018(2)	0.625	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.16	0.36	48
	00022-00001	"SB90 / Arg90 / clr (3/16""/3/16"") 1"" IG"	WA/WA	2	0.023(2)	0.625	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.14	0.29	48
	00023-00001	"SB60 / Arg90 / clr (1/4""/1/4"") 1"" IG"	WA/WA	2	0.035(2)	0.500	A1-D	Fill 1: ARG (90)	N		CL	0.34	0.23	0.40	47

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	00024-00001	"SB70 / Arg90 / clr (1/4""/1/4"") 1"" IG"	WA/WA	2	0.018(2)	0.500	A1-D	Fill 1: ARG (90)	N		CL	0.34	0.16	0.36	48
	00025-00001	"SB90 / Arg90 / clr (1/4""/1/4"") 1"" IG"	WA/WA	2	0.023(2)	0.500	A1-D	Fill 1: ARG (90)	N		CL	0.34	0.14	0.28	48
	00026-00001	"SB60 Optigray / Arg90 / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.35	0.17	0.28	49
	00027-00001	"SB70 Optigray / Arg90 / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.34	0.13	0.26	50
	00028-00001	"SB90 Optigray / Arg90 / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.023(2)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.35	0.11	0.20	50
	00029-00001	"SB60 Solargray / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.750	A1-D	Fill 1: ARG (90)	N		GY	0.35	0.18	0.27	49
	00030-00001	"SB70 Solargray / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.750	A1-D	Fill 1: ARG (90)	N		GY	0.35	0.12	0.23	49
	00031-00001	"SB60 Starphire / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.750	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.24	0.41	49
	00032-00001	"SB60 Optigray / Arg90 / Energy Advantage (1/4""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.164(4)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.16	0.26	38
	00033-00001	"SB70 Optigray / Arg90 / Energy Advantage (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.164(4)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.12	0.24	39
	00034-00001	"SB90 Optigray / Arg90 / Energy Advantage (1/4""/1/8"") 1"" IG"	WA/WA	2	0.023(2), 0.164(4)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.11	0.19	39
	00035-00001	"SB60 Solargray / Arg90 / Energy Advantage (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.164(4)	0.750	A1-D	Fill 1: ARG (90)	N		GY	0.32	0.17	0.25	38
	00036-00001	"SB70 Solargray / Arg90 / Energy Advantage (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.164(4)	0.750	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.12	0.22	38
	00037-00001	"SB60 Starphire / Arg90 / Energy Advantage (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.164(4)	0.750	A1-D	Fill 1: ARG (90)	N		CL	0.32	0.23	0.38	38
	00038-00001	"SB60 Optigray / Arg90 / i89 (1/4""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.149(4)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.17	0.28	38
	00039-00001	"SB70 Optigray / Arg90 / i89 (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.149(4)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.12	0.25	38
	00040-00001	"SB90 Optigray / Arg90 / i89 (1/4""/1/8"") 1"" IG"	WA/WA	2	0.023(2), 0.149(4)	0.625	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.11	0.20	38

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CPD Number: CIP-M-4 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00041-00001	"SB60 Solargray / Arg90 / i89 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.149(4)	0.750	A1-D	Fill 1: ARG (90)	N		GY	0.32	0.17	0.26	37
	00042-00001	"SB70 Solargray / Arg90 / i89 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.149(4)	0.750	A1-D	Fill 1: ARG (90)	N		GY	0.31	0.12	0.23	38
	00043-00001	"SB60 Starphire / Arg90 / i89 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.149(4)	0.750	A1-D	Fill 1: ARG (90)	N		CL	0.32	0.23	0.40	37
	00044-00001	"Solarbronze / Arg90 / SB60 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(4)	0.750	A1-D	Fill 1: ARG (90)	N		BZ	0.36	0.22	0.30	25
	00045-00001	"Solarbronze / Arg90 / SB70 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(4)	0.750	A1-D	Fill 1: ARG (90)	N		BZ	0.36	0.18	0.26	25
	00046-00001	"Solarbronze / Arg90 / SB90 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.023(4)	0.750	A1-D	Fill 1: ARG (90)	N		BZ	0.36	0.16	0.22	25
	00047-00001	"SN68 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.22	0.38	47
	00048-00001	"SNX 70+ / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.16	0.37	48
	00049-00001	"SN54 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.17	0.30	47
	00050-00001	"SN51/23 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.14	0.29	48
	00051-00001	"SN62/27 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.02(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.16	0.35	48
	00052-00001	"SN68 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.23	0.39	47
	00053-00001	"SNX 70+ UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.16	0.37	48
	00054-00001	"SN54 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.17	0.31	47
	00055-00001	"SN51/23 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.14	0.29	48
	00056-00001	"SN62/27 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	A1-D	Fill 1: AIR (100)	N		CL	0.37	0.16	0.35	48
	00057-00001	"SN68 CrystalGray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	A1-D	Fill 1: AIR (100)	N		GY	0.37	0.17	0.28	47
	00058-00001	"SNX 70+ Crystal Gray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	A1-D	Fill 1: AIR (100)	N		GY	0.37	0.14	0.26	48

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	00059-00001	"SN54 Crystal Gray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	A1-D	Fill 1: AIR (100)	N		GY	0.37	0.14	0.22	47
	00060-00001	"SN51/23 CrystalGray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	A1-D	Fill 1: AIR (100)	N		GY	0.37	0.12	0.21	48
	00061-00001	"SN62/27 CrystalGray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.02(2)	0.625	A1-D	Fill 1: AIR (100)	N		GY	0.37	0.13	0.25	48
	00062-00001	"SN68 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	A1-D	Fill 1: AIR (100)	N		GR	0.37	0.18	0.32	47
	00063-00001	"SN54 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	A1-D	Fill 1: AIR (100)	N		GR	0.37	0.14	0.26	47
	00064-00001	"SN51/23 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	A1-D	Fill 1: AIR (100)	N		GR	0.37	0.13	0.24	48
	00065-00001	"SN62/27 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.02(2)	0.625	A1-D	Fill 1: AIR (100)	N		GR	0.37	0.14	0.29	48
	00066-00001	"SB60 / Arg90 / clr (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.035(2)	0.875	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.23	0.40	47
	00067-00001	"SB70 / Arg90 / clr (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.018(2)	0.875	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.16	0.36	47
	00068-00001	"SB90 / Arg90 / clr (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.023(2)	0.875	A1-D	Fill 1: ARG (90)	N		CL	0.35	0.14	0.28	47
	00069-00001	"SB60 / Arg90 / Energy Advantage (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.035(2), 0.157(4)	0.875	A1-D	Fill 1: ARG (90)	N		CL	0.32	0.22	0.37	36
	00070-00001	"SB70 / Arg90 / Energy Advantage (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.018(2), 0.157(4)	0.875	A1-D	Fill 1: ARG (90)	N		CL	0.31	0.15	0.33	36
	00071-00001	"SB90 / Arg90 / Energy Advantage (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.023(2), 0.157(4)	0.875	A1-D	Fill 1: ARG (90)	N		CL	0.31	0.13	0.26	36
	00072-00001	"SB70 / Arg90 / SB70 / Arg90 / Energy Advantage (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.018(2), 0.018(4), 0.164(6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.26	0.12	0.23	49
	00073-00001	"SB60 / Arg90 / SB60 / Arg90 / Energy Advantage (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.035(2), 0.035(4), 0.164(6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.26	0.18	0.31	49
	00074-00001	"366 / Arg90 / 180 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.26	0.14	0.31	48
	00075-00001	"366 / Arg90 / 180 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	1.50	CL	0.27	0.11	0.22	48

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	00076-00001	"366 / Arg90 / 272 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.042(4), 0.149(6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.26	0.14	0.28	48
	00077-00001	"366 / Arg90 / 272 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.042(4), 0.149(6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	1.50	CL	0.27	0.10	0.20	48
	00078-00001	"366 / Arg90 / 366 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.02(4), 0.149 (6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.26	0.12	0.25	49
	00079-00001	"366 / Arg90 / 366 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.02(4), 0.149 (6)	0.500,0.500	A1-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	1.50	CL	0.27	0.10	0.18	49
	00080-00001	"clr / Arg90 / clr (3/16""/3/16"") 7/8"" IG"	WA/WA	2		0.500	ZF-S	Fill 1: ARG (90)	N		CL	0.43	0.43	0.45	46
	00081-00001	"clr / Arg90 / Energy Advantage (3/16""/3/16"") 7/8"" IG"	WA/WA	2	0.158(4)	0.500	ZF-S	Fill 1: ARG (90)	N		CL	0.36	0.38	0.41	34
	00082-00001	"SB60 / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.750	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.24	0.41	60
	00083-00001	"SB70 / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.750	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.16	0.35	60
	00084-00001	"SB60 / Arg90 / clr (3/16""/3/16"") 1"" IG"	WA/WA	2	0.035(2)	0.625	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.23	0.40	60
	00085-00001	"SB70 / Arg90 / clr (3/16""/3/16"") 1"" IG"	WA/WA	2	0.018(2)	0.625	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.16	0.36	60
	00086-00001	"SB90 / Arg90 / clr (3/16""/3/16"") 1"" IG"	WA/WA	2	0.023(2)	0.625	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.14	0.29	60
	00087-00001	"SB60 / Arg90 / clr (1/4""/1/4"") 1"" IG"	WA/WA	2	0.035(2)	0.500	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.23	0.40	59
	00088-00001	"SB70 / Arg90 / clr (1/4""/1/4"") 1"" IG"	WA/WA	2	0.018(2)	0.500	ZF-S	Fill 1: ARG (90)	N		CL	0.31	0.16	0.36	59
	00089-00001	"SB90 / Arg90 / clr (1/4""/1/4"") 1"" IG"	WA/WA	2	0.023(2)	0.500	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.14	0.28	59
	00090-00001	"SB60 Optigray / Arg90 / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.32	0.17	0.28	60
	00091-00001	"SB70 Optigray / Arg90 / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.32	0.13	0.26	60
	00092-00001	"SB90 Optigray / Arg90 / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.023(2)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.32	0.11	0.20	60
	00093-00001	"SB60 Solargray / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.750	ZF-S	Fill 1: ARG (90)	N		GY	0.32	0.18	0.27	60
	00094-00001	"SB70 Solargray / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.750	ZF-S	Fill 1: ARG (90)	N		GY	0.32	0.12	0.23	60

NFRC Product Certification Authorization Report

Manufacturer: Coastal Innovative Products, Inc. dba Lanai Doors
Product Series: Wood Clad Bi-Folding Door
Simulation Lab: SATI
Initial Cert. Date: 08/03/2026

Street: 941 N. Elm Street, Suite C
Product Type: EDSL
Sim. Report #: R4265.01-116-45 R0
Re-Certification Date:

City/State/Zip: Orange, CA 92867
Air Leakage:
Sim. Report Date: 10/16/2025
Revised Date: 01/01/1970

Print Date: 08/03/2026
Test Date: 09/29/2024
Expiration Date: 09/29/2029

CPD Number: CIP-M-4 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00095-00001	"SB60 Starphire / Arg90 / clr (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2)	0.750	ZF-S	Fill 1: ARG (90)	N		CL	0.32	0.24	0.41	60
	00096-00001	"SB60 Optigray / Arg90 / Energy Advantage (1/4""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.164(4)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.16	0.26	49
	00097-00001	"SB70 Optigray / Arg90 / Energy Advantage (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.164(4)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.12	0.24	49
	00098-00001	"SB90 Optigray / Arg90 / Energy Advantage (1/4""/1/8"") 1"" IG"	WA/WA	2	0.023(2), 0.164(4)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.11	0.19	49
	00099-00001	"SB60 Solargray / Arg90 / Energy Advantage (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.164(4)	0.750	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.17	0.25	49
	00100-00001	"SB70 Solargray / Arg90 / Energy Advantage (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.164(4)	0.750	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.12	0.22	49
	00101-00001	"SB60 Starphire / Arg90 / Energy Advantage (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.164(4)	0.750	ZF-S	Fill 1: ARG (90)	N		CL	0.29	0.23	0.38	49
	00102-00001	"SB60 Optigray / Arg90 / i89 (1/4""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.149(4)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.17	0.28	49
	00103-00001	"SB70 Optigray / Arg90 / i89 (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.149(4)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.12	0.25	49
	00104-00001	"SB90 Optigray / Arg90 / i89 (1/4""/1/8"") 1"" IG"	WA/WA	2	0.023(2), 0.149(4)	0.625	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.11	0.20	49
	00105-00001	"SB60 Solargray / Arg90 / i89 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.149(4)	0.750	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.17	0.26	49
	00106-00001	"SB70 Solargray / Arg90 / i89 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(2), 0.149(4)	0.750	ZF-S	Fill 1: ARG (90)	N		GY	0.29	0.12	0.23	49
	00107-00001	"SB60 Starphire / Arg90 / i89 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(2), 0.149(4)	0.750	ZF-S	Fill 1: ARG (90)	N		CL	0.29	0.23	0.40	49
	00108-00001	"Solarbronze / Arg90 / SB60 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.035(4)	0.750	ZF-S	Fill 1: ARG (90)	N		BZ	0.34	0.22	0.30	31
	00109-00001	"Solarbronze / Arg90 / SB70 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.018(4)	0.750	ZF-S	Fill 1: ARG (90)	N		BZ	0.34	0.18	0.26	30
	00110-00001	"Solarbronze / Arg90 / SB90 (1/8""/1/8"") 1"" IG"	WA/WA	2	0.023(4)	0.750	ZF-S	Fill 1: ARG (90)	N		BZ	0.34	0.16	0.22	31
	00111-00001	"SN68 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.35	0.22	0.38	58

NFRC Product Certification Authorization Report

Manufacturer: Coastal Innovative Products, Inc. dba Lanai Doors
Product Series: Wood Clad Bi-Folding Door
Simulation Lab: SATI
Initial Cert. Date: 08/03/2026

Street: 941 N. Elm Street, Suite C
Product Type: EDSL
Sim. Report #: R4265.01-116-45 R0
Re-Certification Date:

City/State/Zip: Orange, CA 92867
Air Leakage:
Sim. Report Date: 10/16/2025
Revised Date: 01/01/1970

Print Date: 08/03/2026
Test Date: 09/29/2024
Expiration Date: 09/29/2029

CPD Number: CIP-M-4 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00112-00001	"SNX 70+ / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.16	0.37	58
	00113-00001	"SN54 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.17	0.30	58
	00114-00001	"SN51/23 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.14	0.29	58
	00115-00001	"SN62/27 / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.02(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.16	0.35	58
	00116-00001	"SN68 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.35	0.23	0.39	58
	00117-00001	"SNX 70+ UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.16	0.37	58
	00118-00001	"SN54 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.17	0.31	58
	00119-00001	"SN51/23 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.14	0.29	58
	00120-00001	"SN62/27 UltraClear / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	ZF-S	Fill 1: AIR (100)	N		CL	0.34	0.16	0.35	58
	00121-00001	"SN68 CrystalGray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GY	0.35	0.17	0.28	58
	00122-00001	"SNX 70+ Crystal Gray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.018(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GY	0.34	0.14	0.26	58
	00123-00001	"SN54 Crystal Gray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GY	0.34	0.14	0.22	58
	00124-00001	"SN51/23 CrystalGray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GY	0.34	0.12	0.21	58
	00125-00001	"SN62/27 CrystalGray / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.02(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GY	0.34	0.13	0.25	58
	00126-00001	"SN68 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.039(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GR	0.35	0.18	0.32	58
	00127-00001	"SN54 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.027(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GR	0.34	0.14	0.26	58
	00128-00001	"SN51/23 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.021(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GR	0.34	0.13	0.24	58
	00129-00001	"SN62/27 Green / Air / clr (1/4""/1/8"") 1"" IG"	WA/WA	2	0.02(2)	0.625	ZF-S	Fill 1: AIR (100)	N		GR	0.34	0.14	0.29	58

NFRC Product Certification Authorization Report

Manufacturer: Coastal Innovative Products, Inc. dba Lanai Doors
Product Series: Wood Clad Bi-Folding Door
Simulation Lab: SATI
Initial Cert. Date: 08/03/2026

Street: 941 N. Elm Street, Suite C
Product Type: EDSL
Sim. Report #: R4265.01-116-45 R0
Re-Certification Date:

City/State/Zip: Orange, CA 92867
Air Leakage:
Sim. Report Date: 10/16/2025
Revised Date: 01/01/1970

Print Date: 08/03/2026
Test Date: 09/29/2024
Expiration Date: 09/29/2029

CPD Number: CIP-M-4 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00130-00001	"SB60 / Arg90 / clr (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.035(2)	0.875	ZF-S	Fill 1: ARG (90)	N		CL	0.31	0.23	0.40	61
	00131-00001	"SB70 / Arg90 / clr (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.018(2)	0.875	ZF-S	Fill 1: ARG (90)	N		CL	0.31	0.16	0.36	61
	00132-00001	"SB90 / Arg90 / clr (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.023(2)	0.875	ZF-S	Fill 1: ARG (90)	N		CL	0.31	0.14	0.28	61
	00133-00001	"SB60 / Arg90 / Energy Advantage (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.035(2), 0.157(4)	0.875	ZF-S	Fill 1: ARG (90)	N		CL	0.28	0.22	0.37	48
	00134-00001	"SB70 / Arg90 / Energy Advantage (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.018(2), 0.157(4)	0.875	ZF-S	Fill 1: ARG (90)	N		CL	0.28	0.15	0.33	49
	00135-00001	"SB90 / Arg90 / Energy Advantage (1/4""/1/4"") 1-3/8"" IG"	WA/WA	2	0.023(2), 0.157(4)	0.875	ZF-S	Fill 1: ARG (90)	N		CL	0.28	0.13	0.26	49
	00136-00001	"SB70 / Arg90 / SB70 / Arg90 / Energy Advantage (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.018(2), 0.018(4), 0.164(6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.23	0.12	0.23	60
	00137-00001	"SB60 / Arg90 / SB60 / Arg90 / Energy Advantage (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.035(2), 0.035(4), 0.164(6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.23	0.18	0.31	60
	00138-00001	"366 / Arg90 / 180 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.24	0.14	0.31	60
	00139-00001	"366 / Arg90 / 180 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	S	1.50	CL	0.25	0.11	0.22	60
	00140-00001	"366 / Arg90 / 272 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.042(4), 0.149(6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.23	0.14	0.28	60
	00141-00001	"366 / Arg90 / 272 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.042(4), 0.149(6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	S	1.50	CL	0.24	0.10	0.20	60
	00142-00001	"366 / Arg90 / 366 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.02(4), 0.149 (6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.23	0.12	0.25	60
	00143-00001	"366 / Arg90 / 366 / Arg90 / i89 (1/8""/1/8""/1/8"") 1-3/8"" IG"	WA/WA	3	0.02(2), 0.02(4), 0.149 (6)	0.500,0.500	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	S	1.50	CL	0.24	0.10	0.18	60

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATF	**09/29/2024**	981mm x 2089mm	0.239	0.231	R4266.01-301-46

Comments:

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA Signature: