

## WINDOWS & DOORS LISTING PROGRAM

**Customer:** Lux Windows & Glass Ltd.  
**Class:** Fenestration Products – Energy Performance  
**Location:** Calgary, Alberta  
**Website:** <http://www.luxwindows.com>

**Listing No.** W475-2  
**Report No.** W475-2 ED9  
**Project No.** W475-2 ED9  
**Effective Date:** March 21, 2011  
**Last Revised Date:** April 12, 2019  
**Expires:** N/A

**Standards:** CSA A440.2-14 “Fenestration Energy Performance”

**Product:** Vinyl Windows

**Markings:** Products are marked with the following content in a permanent manner where it is readily visible after installation:

- a) Manufacturer’s name, Trademark or other recognized symbol or identification.
- b) QAI file Number: W475
- c) QAI logo shown here:



- d) “Evaluation for energy performance in accordance with CSA A440.2” / “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”

### MODELS / RATINGS:

#### 1101 Series Picture Window

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO35	LUX-1100PIC-GO35	1.52	25
GO36	LUX-1100PIC-GO36	0.82	38
GO36G3	LUX-1100PIC-GO36-G3	0.89	36

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO37	LUX-1100PIC-GO37	0.82	38
GO37G3	LUX-1100PIC-GO37-G3	0.89	36
GO38	LUX-1100PIC-GO38	0.88	36
GO38G3	LUX-1100PIC-GO38-G3	0.98	33
GO39	LUX-1100PIC-GO39	0.97	34
GO39G3	LUX-1100PIC-GO39-G3	1.11	31

### 1102 Series Fixed Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO35	LUX-1100FIX-GO35	1.53	22
GO36	LUX-1100FIX-GO36	0.89	34
GO36G3	LUX-1100FIX-GO36-G3	0.96	33
GO37	LUX-1100FIX-GO37	0.90	34
GO37G3	LUX-1100FIX-GO37-G3	0.97	33
GO38	LUX-1100FIX-GO38	0.95	32
GO38G3	LUX-1100FIX-GO38-G3	1.04	30
GO39	LUX-1100FIX-GO39	1.03	31
GO39G3	LUX-1100FIX-GO39-G3	1.16	28

### 1103 Series Casement Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO35	LUX-1100CAS-GO35	1.54	20
GO36	LUX-1100CAS-GO36	0.96	30
GO36G3	LUX-1100CAS-GO36-G3	1.01	29
GO37	LUX-1100CAS-GO37	0.96	30
GO37G3	LUX-1100CAS-GO37-G3	1.02	29
GO38	LUX-1100CAS-GO38	1.01	29
GO38G3	LUX-1100CAS-GO38-G3	1.08	27
GO39	LUX-1100CAS-GO39	1.08	27
GO39G3	LUX-1100CAS-GO39-G3	1.18	25

### 1104 Series Awning Window

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO35	LUX-1100AWN-GO35	1.53	20
GO36	LUX-1100AWN-GO36	0.97	30
GO36G3	LUX-1100AWN-GO36-G3	1.01	29
GO37	LUX-1100AWN-GO37	0.98	30
GO37G3	LUX-1100AWN-GO37-G3	1.02	29
GO38	LUX-1100AWN-GO38	1.02	29
GO38G3	LUX-1100AWN-GO38-G3	1.08	28
GO39	LUX-1100AWN-GO39	1.10	27
GO39G3	LUX-1100AWN-GO39-G3	1.18	25

### 1201 Series Picture Window

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO43	LUX-1201PIC-GO43	1.55	25
GO44	LUX-1201PIC-GO44	0.88	37
GO44G3	LUX-1201PIC-GO44-G3	0.99	34
GO45	LUX-1201PIC-GO45	0.81	38
GO45G3	LUX-1201PIC-GO45-G3	0.90	36
GO46	LUX-1201PIC-GO46	0.87	37
GO46G3	LUX-1201PIC-GO46-G3	0.98	34
GO47	LUX-1201PIC-GO47	0.97	34
GO47G3	LUX-1201PIC-GO47-G3	1.13	31

### 1202 Series Fixed Casement Window

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO43	LUX-1202FIX-GO43	1.53	23
GO44	LUX-1202FIX-GO44	0.94	34
GO44G3	LUX-1202FIX-GO44-G3	1.04	32
GO45	LUX-1202FIX-GO45	0.83	36
GO45G3	LUX-1202FIX-GO45-G3	0.89	35

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO46	LUX-1202FIX-GO46	0.83	36
GO46G3	LUX-1202FIX-GO46-G3	0.90	35
GO47	LUX-1202FIX-GO47	0.86	35
GO47G3	LUX-1202FIX-GO47-G3	0.91	34

### 1203 Series Casement Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO43	LUX-1203CAS-GO43	1.58	20
GO44	LUX-1203CAS-GO44	1.07	29
GO44G3	LUX-1203CAS-GO44-G3	1.15	28
GO45	LUX-1203CAS-GO45	1.15	28
GO45G3	LUX-1203CAS-GO45-G3	1.27	25
GO46	LUX-1203CAS-GO46	1.23	26
GO46G3	LUX-1203CAS-GO46-G3	1.28	25

### 1204 Series Awning Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
GO43	LUX-1204AWN-GO43	1.58	20
GO44	LUX-1204AWN-GO44	1.09	29
GO44G3	LUX-1204AWN-GO44-G3	1.15	28
GO45	LUX-1204AWN-GO45	1.17	27
GO45G3	LUX-1204AWN-GO45-G3	1.26	25
GO46	LUX-1204AWN-GO46	1.26	25
GO46G3	LUX-1204AWN-GO46-G3	1.28	25

### 1206 Series Horizontal Sliding Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G01	LUX-H1206-HS-G01-3,042(2)-3,CL-13,Ar-XL	1.74	19
G01G3	LUX-H1206-HS-G01G3-3,042(2)-3,CL-13,Ar-XL-S	1.71	13
G02	LUX-H1206-HS-G02-3,022(2)-3,149(4)-13,Ar-XL	1.50	17
G02G3	LUX-H1206-HS-G02G3-3,022(2)-3,149(4)-13,Ar-XL-S	1.58	12
G03	LUX-H1206-HS-G03-3,CL-3,068(3)-13,Ar-XL	1.78	30
G03G3	LUX-H1206-HS-G03G3-3,CL-3,068(3)-13,Ar-XL-S	1.75	21
G04	LUX-H1206-HS-G04-5,CL-5,068(3)-10,Ar-XL	1.84	27
G04G3	LUX-H1206-HS-G04G3-5,CL-5,068(3)-10,Ar-XL-S	1.83	18
G05	LUX-H1206-HS-G05-6,850(1)-4,042(3)-10,Ar-XL	1.80	7
G05G3	LUX-H1206-HS-G05G3-6,850(1)-4,042(3)-10,Ar-XL-S	1.80	5

### 1209 Series Vertical Sliding Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G01	LUX-H1209-VS-G01-3,042(2)-3,CL-13,Ar-XL	1.73	19
G01G3	LUX-H1209-VS-G01G3-3,042(2)-3,CL-13,Ar-XL-S	1.70	14
G02	LUX-H1209-VS-G02-3,022(2)-3,149(4)-13,Ar-XL	1.48	18
G02G3	LUX-H1209-VS-G02G3-3,022(2)-3,149(4)-13,Ar-XL-S	1.56	13
G03	LUX-H1209-VS-G03-3,CL-3,068(3)-13,Ar-XL	1.77	31
G03G3	LUX-H1209-VS-G03G3-3,CL-3,068(3)-13,Ar-XL-S	1.73	21
G04	LUX-H1209-VS-G04-5,CL-5,068(3)-10,Ar-XL	1.83	28
G04G3	LUX-H1209-VS-G04G3-5,CL-5,068(3)-10,Ar-XL-S	1.81	19
G05	LUX-H1209-VS-G05-6,850(1)-4,042(3)-10,Ar-XL	1.79	7
G05G3	LUX-H1209-VS-G05G3-6,850(1)-4,042(3)-10,Ar-XL-S	1.78	5

### 1506 Series Horizontal Sliding Window

Glass / Grille Option #	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G01	LUX-15SS-3,CL-16AR90EN-3,180(3)	1.68	33
G01G2	LUX-15SS-3,CL-16AR90EN-3,180(3)-G2<1	1.68	30
G02	LUX-15SS-6,CL-13AR90EN-3,180(3)	1.67	31

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G02G2	LUX-15SS-6,CL-13AR90EN-3,180(3)-G2<1	1.67	29
G03	LUX-15SS-3,270(2)-16AR90EN-3,180(3)	1.62	20
G03G2	LUX-15SS-3,270(2)-16AR90EN-3,180(3)-G2<1	1.62	19
G04	LUX-15SS-3,366(2)-16AR90EN-3,i89(4)	1.39	21
G04G2	LUX-15SS-3,366(2)-16AR90EN-3,i89(4)-G2<1	1.39	20
G05	LUX-15SS-6,270(2)-13AR90EN-3,CL	1.60	20
G05G2	LUX-15SS-6,270(2)-13AR90EN-3,CL-G2<1	1.60	18
G06	LUX-15SS-6,SCGR-13AR90EN-3,270(3)	1.62	10
G06G2	LUX-15SS-6,SCGR-13AR90EN-3,270(3)-G2<1	1.62	10
G07	LUX-15SS-3,CL-12AR90EN-3,CL-12AR90EN-3,180(5)	1.34	38
G07G2	LUX-15SS-3,CL-12AR90EN-3,CL-12AR90EN-3,180(5)-G2<1	1.34	35
G08	LUX-15SS-6,CL-10AR90EN-3,CL-10AR90EN-3,180(5)	1.40	34
G08G2	LUX-15SS-6,CL-10AR90EN-3,CL-10AR90EN-3,180(5)-G2<1	1.40	32
G09	LUX-15SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,CL	1.33	26
G09G2	LUX-15SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,CL-G2<1	1.33	24
G10	LUX-15SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,180(5)	1.10	30
G10G2	LUX-15SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,180(5)-G2<1	1.10	29
G11	LUX-15SS-3,270(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)	1.02	31
G11G2	LUX-15SS-3,270(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)-G2<1	1.02	30
G12	LUX-15SS-3,366(2)-12AR90EN-3,CL-12AR90EN-3,i89(6)	1.18	25
G12G2	LUX-15SS-3,366(2)-12AR90EN-3,CL-12AR90EN-3,i89(6)-G2<1	1.18	24
G13	LUX-15SS-3,366(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)	1.02	28
G13G2	LUX-15SS-3,366(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)-G2<1	1.02	27
G14	LUX-15SS-6,270(2)-10AR90EN-3,CL-10AR90EN-3,180(5)	1.16	28
G14G2	LUX-15SS-6,270(2)-10AR90EN-3,CL-10AR90EN-3,180(5)-G2<1	1.18	27
G15	LUX-15SS-6,SCGR-10AR90EN-3,CL-10AR90EN-3,270(5)	1.36	16
G15G2	LUX-15SS-6,SCGR-10AR90EN-3,CL-10AR90EN-3,270(5)-G2<1	1.36	15

### **1606 Series Horizontal Sliding Window**

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G01	LUX-16SS-3,CL-16AR90EN-3,180(3)	1.72	32
G01G2	LUX-16SS-3,CL-16AR90EN-3,180(3)-G2<1	1.72	29
G02	LUX-16SS-6,CL-13AR90EN-3,180(3)	1.70	31
G02G2	LUX-16SS-6,CL-13AR90EN-3,180(3)-G2<1	1.70	28
G03	LUX-16SS-3,270(2)-16AR90EN-3,180(3)	1.65	20
G03G2	LUX-16SS-3,270(2)-16AR90EN-3,180(3)-G2<1	1.65	18
G04	LUX-16SS-3,366(2)-16AR90EN-3,i89(4)	1.42	20

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G04G2	LUX-16SS-3,366(2)-16AR90EN-3,i89(4)-G2<1	1.42	19
G05	LUX-16SS-6,270(2)-13AR90EN-3,CL	1.64	19
G05G2	LUX-16SS-6,270(2)-13AR90EN-3,CL-G2<1	1.64	18
G06	LUX-16SS-6,SCGR-13AR90EN-3,270(3)	1.65	9
G06G2	LUX-16SS-6,SCGR-13AR90EN-3,270(3)-G2<1	1.65	9
G07	LUX-16SS-3,CL-12AR90EN-3,CL-12AR90EN-3,180(5)	1.37	37
G07G2	LUX-16SS-3,CL-12AR90EN-3,CL-12AR90EN-3,180(5)-G2<1	1.37	34
G08	LUX-16SS-6,CL-10AR90EN-3,CL-10AR90EN-3,180(5)	1.43	34
G08G2	LUX-16SS-6,CL-10AR90EN-3,CL-10AR90EN-3,180(5)-G2<1	1.43	31
G09	LUX-16SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,CL	1.37	25
G09G2	LUX-16SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,CL-G2<1	1.37	23
G10	LUX-16SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,180(5)	1.14	29
G10G2	LUX-16SS-3,270(2)-12AR90EN-3,CL-12AR90EN-3,180(5)-G2<1	1.14	28
G11	LUX-16SS-3,270(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)	1.06	30
G11G2	LUX-16SS-3,270(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)-G2<1	1.06	29
G12	LUX-16SS-3,366(2)-12AR90EN-3,CL-12AR90EN-3,i89(6)	1.21	24
G12G2	LUX-16SS-3,366(2)-12AR90EN-3,CL-12AR90EN-3,i89(6)-G2<1	1.21	23
G13	LUX-16SS-3,366(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)	1.21	23
G13G2	LUX-16SS-3,366(2)-12AR90EN-3,180(4)-12AR90EN-3,i89(6)-G2<1	1.21	22
G14	LUX-16SS-6,270(2)-10AR90EN-3,CL-10AR90EN-3,180(5)	1.20	27
G14G2	LUX-16SS-6,270(2)-10AR90EN-3,CL-10AR90EN-3,180(5)-G2<1	1.21	26
G15	LUX-16SS-6,SCGR-10AR90EN-3,CL-10AR90EN-3,270(5)	1.40	15
G15G2	LUX-16SS-6,SCGR-10AR90EN-3,CL-10AR90EN-3,270(5)-G2<1	1.40	14

### **3100 Series Sliding Door**

Option # Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G07	LUX-V3100-SLD-G07-3,CL-3,CL-3,068(5)-8,Ar-EN	1.41	36
G08	LUX-V3100-SLD-G08-3,042(2)-3,CL-3,CL-8,Ar-EN	1.40	26
G09	LUX-V3100-SLD-G09-3,042(2)-3,CL-3,068(5)-8,Ar-EN	1.19	30
G10	LUX-V3100-SLD-G10-3,022(2)-3,CL-3,149(6)-8,Ar-EN	1.22	24
G11	LUX-V3100-SLD-G11-3,022(2)-3,068(4)-3,149(6)-8,Ar-EN	1.07	27
G12	LUX-V3100-SLD-G12-6,850(1)-3,CL-3,042(5)-7,Ar-EN	1.51	13
G13	LUX-V3100-SLD-G13-3,037(2)-3,068(4)-3,149(6)-8,Ar-EN	1.07	31
G13G3	LUX-V3100-SLD-G13G3-3,037(2)-3,068(4)-3,149(6)-8,Ar-EN-S	1.22	28
G14	LUX-V3100-SLD-G14-4,037(2)-4,068(4)-4,149(6)-7,Ar-EN	1.16	28
G14G3	LUX-V3100-SLD-G14G3-4,037(2)-4,068(4)-4,149(6)-7,Ar-EN-S	1.23	27

### 3200 Series Hybrid PVC Sliding Door

Option #	Glass / Grille	Model Code	U-Value (W/m <sup>2</sup> K)	Energy Rating
G01		LUX-VHBRD-SLD-G01-3,CL-3,068(4)-16,Ar-XL	1.85	27
G01G4		LUX-VHBRD-SLD-G01G4-3,CL-3,068(4)-16,Ar-XL-S	2.00	17
G02		LUX-VHBRD-SLD-G02-6,CL-3,068(4)-13,Ar-XL	1.85	25
G02G4		LUX-VHBRD-SLD-G02G4-6,CL-3,068(4)-13,Ar-XL-S	2.01	16
G03		LUX-VHBRD-SLD-G03-3,042(2)-3,CL-16,Ar-XL	1.69	20
G03G4		LUX-VHBRD-SLD-G03G4-3,042(2)-3,CL-16,Ar-XL-S	1.68	16
G04		LUX-VHBRD-SLD-G04-6,042(2)-3,CL-13,Ar-XL	1.66	20
G04G4		LUX-VHBRD-SLD-G04G4-6,042(2)-3,CL-13,Ar-XL-S	1.66	16
G05		LUX-VHBRD-SLD-G05-6,850(1)-3,042(3)-13,Ar-XL	1.67	9
G05G4		LUX-VHBRD-SLD-G05G4-6,850(1)-3,042(3)-13,Ar-XL-S	1.68	8
G06		LUX-VHBRD-SLD-G06-3,022(2)-3,149(4)-16,Ar-XL	1.41	20
G06G4		LUX-VHBRD-SLD-G06G4-3,022(2)-3,149(4)-16,Ar-XL-S	1.50	16
G07		LUX-VHBRD-SLD-G07-3,CL-3,CL-3,068(6)-12,Ar-XL	1.47	32
G07G4		LUX-VHBRD-SLD-G07G4-3,CL-3,CL-3,068(6)-12,Ar-XL-S	1.61	24
G08		LUX-VHBRD-SLD-G08-6,CL-3,CL-3,068(6)-10,Ar-XL	1.51	30
G08G4		LUX-VHBRD-SLD-G08G4-6,CL-3,CL-3,068(6)-10,Ar-XL-S	1.66	22
G09		LUX-VHBRD-SLD-G09-3,042(2)-3,CL-3,CL-12,Ar-XL	1.38	26
G09G4		LUX-VHBRD-SLD-G09G4-3,042(2)-3,CL-3,CL-12,Ar-XL-S	1.40	21
G10		LUX-VHBRD-SLD-G10-3,042(2)-3,CL-3,068(6)-12,Ar-XL	1.20	29
G10G4		LUX-VHBRD-SLD-G10G4-3,042(2)-3,CL-3,068(6)-12,Ar-XL-S	1.30	23
G11		LUX-VHBRD-SLD-G11-3,022(2)-3,CL-3,149(6)-12,Ar-XL	1.22	23
G11G4		LUX-VHBRD-SLD-G11G4-3,022(2)-3,CL-3,149(6)-12,Ar-XL-S	1.30	19
G12		LUX-VHBRD-SLD-G12-3,022(2)-3,068(4)-3,149(6)-12,Ar-XL	1.06	26
G12G4		LUX-VHBRD-SLD-G12G4-3,022(2)-3,068(4)-3,149(6)-12,Ar-XL-S	1.12	23
G13		LUX-VHBRD-SLD-G13-6,850(1)-3,CL-3,042(5)-10,Ar-XL	1.41	15
G13G4		LUX-VHBRD-SLD-G13G4-6,850(1)-3,CL-3,042(5)-10,Ar-XL-S	1.46	12
G14		LUX-VHBRD-SLD-G14-3,037(2)-3,068(4)-3,149(6)-12,Ar-EN	1.10	29
G14G4		LUX-VHBRD-SLD-G14G4-3,037(2)-3,068(4)-3,149(6)-12,Ar-EN-S	1.18	27
G15		LUX-VHBRD-SLD-G15-4,037(2)-4,068(4)-4,149(6)-10,Ar-EN	1.15	27
G15G4		LUX-VHBRD-SLD-G15G4-4,037(2)-4,068(4)-4,149(6)-10,Ar-EN-S	1.25	25
G16		LUX-VHBRD-SLD-G16-5,037(2)-5,068(4)-5,149(6)-8,Ar-EN	1.22	26
G16G4		LUX-VHBRD-SLD-G16G4-5,037(2)-5,068(4)-5,149(6)-8,Ar-EN-S	1.39	22
G17		LUX-VHBRD-SLD-G17-6,037(2)-6,068(4)-6,149(6)-7,Ar-EN	1.31	24
G17G4		LUX-VHBRD-SLD-G17G4-6,037(2)-6,068(4)-6,149(6)-7,Ar-EN-S	1.37	22

**Notes:** Windows are not intended for installation in storefronts, non-operable portions of curtain wall, fixed glazing cast into precast concrete panels, greenhouses, skylights or sloped glazing. Test procedures are designed to test the performance of the test specimen only and are not necessarily used to test the performance of the installation, particularly the perimeter sealant joint and anchoring of the assembly.

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