

MADICO
SAFETYSHIELD®
LCL-800-XSR

Solar Optical Performance Data

Center of Glass Measurements:*

Total Solar Energy:

Transmitted 83%
 Reflected9%
 Absorbed 8%

Visible Light:

Transmitted 88%
 Reflected Interior 10%
 Reflected Exterior 10%

U Value 1.10
 Emissivity0.96
 Ultraviolet Light Rejected 99%
 Shading Coefficient0.97
 Solar Heat Gain Coefficient0.84

Total Solar Energy Rejected 15%



Window Performance:**

LCL-800					
Type	Default Glazing Reference	SHGC No Film	SHGC With Film	VLT No Film	VLT With Film
Residential	3 mm (1/8in.) clear	0.71	0.70	0.74	0.72
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.62	0.67	0.65
Non Residential	6 mm (1/4in.) clear	0.75	0.73	0.80	0.78
Non Residential	6 mm (1/4in.) grey	0.53	0.53	0.4	0.39
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.63	0.71	0.69
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.43	0.36	0.35

* Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm. clear glass.

**As certified by the National Fenestration Rating Council (NFRC).

† Dual pane window



ISO 9001: 2000 Certified

64 Industrial Parkway, Woburn, MA 01801 • 800-225-1926 • www.madico.com

