

Window Film Performance Categories

Architectural: Global



Window film performance for the LLumar® Energy Savings Calculator is determined by a film's Solar Heat Gain Coefficient (SHGC), which is expressed as a number between 0 and 1. The lower the film's SHGC, the less solar heat is transmitted. See the performance of each LLumar architectural window film in the list below based on its SHGC.

HIGH (0.00-0.25)		
Type	Product	SHGC
Low-E	E-1220 SR CDF (Silver)	0.15
Reflective	RN-O7G SR CDF (One-Way Mirror)	0.16
Exterior	RHE-20 ER HPR (Silver)	0.17
Reflective	R-20 SR CDF (Silver)	0.21
Neutral	N-1020B SR CDF (Bronze)	0.23
Reflective	R-15G SR CDF (Gray)	0.25

MEDIUM-HIGH (0.26-0.35)		
Type	Product	SHGC
Dual-Reflective	DR-15 SR CDF (Warm Brown)	0.26
Deluxe	DL-05G SR CDF (Gray)	0.30
Reflective	R-35 SR CDF (Silver)	0.31
Dual-Reflective	DR-25 SR CDF (Warm Brown)	0.35

MEDIUM (0.36-0.45)		
Type	Product	SHGC
Neutral	N-1035B SR CDF (Bronze)	0.36
Neutral	N-1020 SR CDF (Neutral)	0.37
Deluxe	DL-15B SR CDF (Bronze)	0.39
Deluxe	DL-15G SR CDF (Gray)	0.42
Dual-Reflective	DR-35 SR CDF (Warm Brown)	0.44

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The solar performance data reported for LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement as measured on single pane, 1/8 inch (3mm), clear glass. All values averaged from routinely accumulated quality control data.

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