

# Heat In Glare Out

Low E 35



## Benefits

- Improves comfort during the cold winter months as well as during the heat of summer
- High Heat rejection helps provide energy savings in the summer
- Increased insulation helps provide energy savings in the winter
- Potential Paybacks in less than 3 years
- Reduces glare which may help improve productivity at work stations
- Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- Comprehensive warranty from 3M

Winter Insulation	★ ★ ★
Energy Savings	★ ★ ★ ★
Glare Rejection	★ ★

*In comparison to other 3M Window Films*

Best ★★★★★ Better ★★★ Good★★ Fair★

## Valued Associations & Alliances



# Low E 35 Case Study

Nashville, TN

Climate Zone 3

Over 125,000 sq ft installation of Low E 35





Payback period less than 3 years

Customer Issues:

- High energy costs and consumption
- Tenant comfort issues due to direct sun



## Product Performance & Technical Data

Glass Type (All 1/4")	Film Type	Visible Light			Total Solar Energy Rejected	Solar Heat Gain Coefficient	U Value	Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
		Reflected (interior)	Reflected (exterior)	Transmitted							
 Clear	Low E 35	60%	54%	30%	75%	0.25	0.85	69%	99%	67%	1.2
 Tinted	Low E 35	60%	22%	17%	73%	0.27	0.85	57%	99%	67%	0.7
 Double Clear	Low E 35	61%	53%	28%	68%	0.32	0.42	54%	99%	65%	0.8
 Double Tinted	Low E 35	61%	22%	16%	74%	0.26	0.42	48%	99%	66%	0.6

## LEED Certification

Window films may be used towards the following LEED credits:

- SS-8
- MR 1.1-1.2
- EQ-7.1
- EQ-8.1-8.2
- EA-1
- MR 5.1-5.2
- EQ-7.2
- ID

### Warranty, Limited Remedy, and Disclaimer:

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### 3M Renewable Energy Division Window Films

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