

## SERIES GT7800 Blinded Project-In Tilt Turn

NFRC U-FACTOR, SHGC / VT, AND CR COMPUTER SIMULATION RESULTS

Standards: NFRC 100-2004, NFRC 200-2004, NFRC 500-2004

| ID | U-Factor    | SHGC | VT   | CR | Fill            | Spacer          | Exterior Lite       | Air Space | Lite # 2       | Air Space | Lite # 3       | Air Space | Lite # 4       |
|----|-------------|------|------|----|-----------------|-----------------|---------------------|-----------|----------------|-----------|----------------|-----------|----------------|
| 1  | <b>0.29</b> | 0.26 | 0.45 | 50 | Argon/Air       | Silicone Foam   | 0.184 Solarban 60   | 0.625     | 0.184 Clear    | 1.731     | 0.223 Clear    |           |                |
| 2  | <b>0.29</b> | 0.25 | 0.45 | 50 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.500     | 0.223 Clear    | 1.750     | 0.223 Clear    |           |                |
| 3  | <b>0.29</b> | 0.25 | 0.45 | 50 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.500     | 0.266 Clear    | 1.750     | 0.223 Clear    |           |                |
| 4  | <b>0.29</b> | 0.25 | 0.45 | 50 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.500     | 0.223 Clear    | 1.750     | 0.266 Clear    |           |                |
| 5  | <b>0.29</b> | 0.25 | 0.45 | 49 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.500     | 0.266 Clear    | 1.740     | 0.266 Clear    |           |                |
| 6  | <b>0.27</b> | 0.24 | 0.42 | 49 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.500     | 0.223 Clear    | 1.750     | 0.222 Pilk LOF |           |                |
| 7  | <b>0.30</b> | 0.25 | 0.45 | 49 | Argon/Air       | Thermo-plastic  | 0.223 Solarban 60   | 0.500     | 0.223 Clear    | 1.750     | 0.223 Clear    |           |                |
| 8  | <b>0.29</b> | 0.25 | 0.45 | 50 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.563     | 0.184 Clear    | 1.740     | 0.223 Clear    |           |                |
| 9  | <b>0.29</b> | 0.25 | 0.45 | 49 | Argon/Air       | Silicone Foam   | 0.223 Solarban 60   | 0.563     | 0.184 Clear    | 1.740     | 0.266 Clear    |           |                |
| 10 | <b>0.31</b> | 0.44 | 0.47 | 49 | Argon/Air       | Silicone Foam   | 0.223 Clear         | 0.563     | 0.186 Pilk LOF | 1.740     | 0.266 Clear    |           |                |
| 11 | <b>0.31</b> | 0.42 | 0.47 | 49 | Argon/Air       | Silicone Foam   | 0.266 Clear         | 0.563     | 0.186 Pilk LOF | 1.730     | 0.266 Clear    |           |                |
| 12 | <b>0.28</b> | 0.39 | 0.43 | 48 | Argon/Air       | Silicone Foam   | 0.266 Clear         | 0.563     | 0.186 Pilk LOF | 1.720     | 0.266 Pilk LOF |           |                |
| 13 | <b>0.30</b> | 0.25 | 0.43 | 49 | Argon/Air       | Thermo-plastic  | 0.221 Guard SN 60   | 0.500     | 0.221 Clear    | 1.750     | 0.221 Clear    |           |                |
| 14 | <b>0.29</b> | 0.25 | 0.43 | 50 | Argon/Air       | Silicone Foam   | 0.221 Guard SN 60   | 0.500     | 0.221 Clear    | 1.750     | 0.221 Clear    |           |                |
| 15 | <b>0.29</b> | 0.26 | 0.43 | 50 | Argon/Air       | Silicone Foam   | 0.223 E272          | 0.500     | 0.225 Clear    | 1.750     | 0.225 Clear    |           |                |
| 16 | <b>0.30</b> | 0.19 | 0.41 | 50 | Argon/Air       | Stainless Steel | 0.187 E366          | 0.625     | 0.187 Clear    | 1.731     | 0.222 Clear    |           |                |
| 17 | <b>0.29</b> | 0.19 | 0.40 | 49 | Argon/Air       | Stainless Steel | 0.225 E366          | 0.500     | 0.222 Clear    | 1.750     | 0.222 Clear    |           |                |
| 18 | <b>0.27</b> | 0.18 | 0.37 | 49 | Argon/Air       | Stainless Steel | 0.225 E366          | 0.500     | 0.222 Clear    | 1.750     | 0.222 Pilk LOF |           |                |
| 19 | <b>0.30</b> | 0.24 | 0.43 | 49 | Argon/Air       | Stainless Steel | 0.236 Card LowE 270 | 0.500     | 0.222 Clear    | 1.750     | 0.222 Clear    |           |                |
| 20 | <b>0.25</b> | 0.16 | 0.28 | 50 | Argon/Argon/Air | Stainless Steel | 0.116 E366          | 0.313     | 0.116 Clear    | 0.313     | 0.116 E366     | 1.770     | 0.222 Pilk LOF |